

## Appendix 2. Lead Antibodies in EGF-treated A431 Cells Identified with the KAM-1325-pY Microarray

The table below provides a selection of the leads antibodies that showed increased signals in over-night serum starved human A431 cervical epidermoid carcinoma cells that were subsequently treated with and without 100 ng/ml of epidermal growth factor (EGF) for 5 minutes prior to harvesting in lysate buffer that contained 1% Triton X-100 and a battery of phosphatase inhibitors (including 5 mM sodium orthovanadate). Approximately 100 µg of lysate protein were applied per field on a KAM-1325 slide, and after a 1 hour incubation, the slide was washed and probed with dye-labeled PYK anti-phosphotyrosine antibody (Kinexus Cat. No. PG-0001). Values are the averages of duplicate measurements, and the percent error in these measurements from the averages are shown. %CFC is the percentage change with EGF treatment from the untreated control values. Notably, these findings reproduce expected changes in the phosphorylation of EGF receptor family and MAP kinase family members as revealed by Western blotting.

Target Name	P-Site	Kinexus Antibody Codes	Antibody Source	Type	Kinase or Phosphatase Type	Average Serum-Starved Net Signal	% Error	Average EGF-treated Net Signal	% Error	EGF-induced %CFC
ACK1 (TNK2)	Pan-specific	NK002	External	RpAb	PYK	359	10	548	33	53
ACK1 (TNK2)	Y284	PK511	Kinexus	RpAb	PYK	8931	19	27034	20	203
ACK1 (TNK2)	Y518	PK512	Kinexus	RpAb	PYK	3142	3	4585	3	46
BLK	Y188	PK542	Kinexus	RpAb	PYK	3160	23	8828	27	179
BLK	Y389	PK543	Kinexus	RpAb	PYK	4129	7	18130	27	339
CDK1/CDK2	T14+Y15	PK560	Kinexus	RpAb	PSTK	8859	11	42850	11	384
CDK2	Pan-specific	NK026-6	External	RpAb	PSTK	483	14	740	45	53
CDK2	T160	PK568	Kinexus	RpAb	PSTK	2233	6	3591	31	61
CDK5	Y15	PK570	Kinexus	RpAb	PSTK	3268	3	6451	28	97
CDK6	Pan-specific	NK029-4	External	MmAb	PSTK	140	7	235	22	68
CDK6	Y13	PK571	Kinexus	RpAb	PSTK	6317	7	20570	4	226
CDK6	Y24	PK572	Kinexus	RpAb	PSTK	3169	1	5672	28	79
CDK7	T170	PK573	Kinexus	RpAb	PSTK	4178	5	10685	13	156
COX2	Pan-specific	NN027-2	External	MmAb		241	13	408	46	69
COX2	Y446	PN695	Kinexus	RpAb		399	5	777	1	95
CTNNB1	Pan-specific	NN021-2	External	MmAb		256	16	399	21	56
CTNNB1	Pan-specific	NN021	External	RpAb		238	11	488	49	105
CTNNB1	S33	PN166	External	RpAb		290	1	747	64	157
CTNNB1	Y333	PN167	External	RpAb		267	14	502	64	88
CTNNB1	Y654	PN579	Kinexus	RpAb		2174	6	3238	11	49
EGFR (ErbB1)	Pan-specific	NK052-4	Kinexus	RpAb	PYK	10561	2	54142	2	413
EGFR (ErbB1)	Y869	PK602	Kinexus	RpAb	PYK	5787	3	13756	11	138
EGFR (ErbB1)	Y998	PK603	Kinexus	RpAb	PYK	6392	3	14495	5	127
EGFR (ErbB1)	Y1172	PK010	External	RpAb	PYK	136	36	233	1	71
EGFR (ErbB1)	Y1172	PK601	Kinexus	RpAb	PYK	5173	7	18471	1	257
ENO1	Y44	PN511	Kinexus	RpAb		7612	3	12528	2	65
ENO2	Y25	PN512	Kinexus	RpAb		5604	3	11789	3	110

Target Name	P-Site	Kinexus Antibody Codes	Antibody Source	Type	Kinase or Phosphatase Type	Average Serum-Starved Net Signal	% Error	Average EGF-treated Net Signal	% Error	EGF-induced %CFC
ErbB2 (HER2, Neu)	Pan-specific	NK054-4	Kinexus	RpAb	PYK	3071	1	4767	35	55
ErbB2 (HER2, Neu)	Pan-specific	NK054-6	Kinexus	RpAb	PYK	1843	5	3086	44	67
ErbB2 (HER2, Neu)	Y735	PK614	Kinexus	RpAb	PYK	3377	2	6567	40	94
ErbB2 (HER2, Neu)	Y877	PK615	Kinexus	RpAb	PYK	1946	2	2756	15	42
ErbB2 (HER2, Neu)	Y1248	PK613	Kinexus	RpAb	PYK	6813	4	18214	35	167
ERBB2IP (Erbin)	Y1104	PN513	Kinexus	RpAb		8011	2	21201	46	165
ErbB3 (HER3)	Pan-specific	NK231-3	Kinexus	RpAb	PYK	1777	5	2989	32	68
ErbB3 (HER3)	Y1289	PK616	Kinexus	RpAb	PYK	3708	3	13187	21	256
ErbB3 (HER3)	Y1307	PK617	Kinexus	RpAb	PYK	2714	3	4438	19	64
ErbB3 (HER3)	Y1328	PK618	Kinexus	RpAb	PYK	3886	4	8347	57	115
ERK1 (MAPK3)	Pan-specific	NK055-1	Kinexus	RpAb	PSTK	2098	6	2776	21	32
ERK1 (MAPK3)	Pan-specific	NK055-3	Kinexus	RpAb	PSTK	1854	6	2740	22	48
ERK1 (MAPK3)	T202+Y204	PK182	External	MmAb	PSTK	401	13	628	32	57
ERK1 (MAPK3)	T202+Y204	PK621	Kinexus	RpAb	PSTK	3068	4	11148	42	263
ERK1 (MAPK3)	Y204	PK183	External	MmAb	PSTK	149	15	256	33	72
ERK1 (MAPK3)	Y204	PK864	Kinexus	RpAb	PSTK	4505	5	9883	31	119
ERK1 (MAPK3)	Y204+T207	PK866	Kinexus	RpAb	PSTK	3828	4	4990	2	30
ERK1 (MAPK3)	S283	PK879	Kinexus	RpAb	PSTK	2073	3	2958	28	43
ERK2 (MAPK1)	Y263+S266	PK880	Kinexus	RpAb	PSTK	2763	3	5555	6	101
ERK3 (MAPK6)	Pan-specific	NK057-2	External	RpAb	PSTK	609	13	935	27	54
ERK3 (MAPK6)	S189	PK623	Kinexus	RpAb	PSTK	1997	5	3516	33	76
ERK5 (MAPK7)	Pan-specific	NK206-3	External	GpAb	PSTK	150	40	686	40	357
ERK5 (MAPK7)	T219+Y221	PK184	External	MmAb	PSTK	234	11	501	11	114
ERK5 (MAPK7)	Y221	PK626	Kinexus	RpAb	PSTK	4398	4	29019	17	560
ESYT1	Y822	PN514	Kinexus	RpAb		8144	2	27152	6	233
FAK (PTK2)	Y397	PK627	Kinexus	RpAb	PYK	9653	2	50927	1	428
FAK (PTK2)	Y576+Y577	PK628	Kinexus	RpAb	PYK	8596	0	15540	24	81
FBPase (FBP1)	Y265	PN699	Kinexus	RpAb		7671	0	19437	11	153
FBPase 2 (FBP2)	Y216	PN700	Kinexus	RpAb		2424	3	12906	6	433
FGFR2 (BEK)	Pan-specific	NK063-2	Kinexus	RpAb	PYK	2424	3	3196	14	32
FGFR2 (BEK)	Pan-specific	NK063-4	Kinexus	RpAb	PYK	1916	7	2625	11	37
FGFR2 (BEK)	Y656+Y657	PK635	Kinexus	RpAb	PYK	3756	2	8910	10	137
FGFR3	Pan-specific	NK236-2	Kinexus	RpAb	PYK	1803	4	2486	16	38
FGFR3	Y647+Y648	PK637	Kinexus	RpAb	PYK	3389	0	5074	3	50
FGFR3	Y647+Y648	PK636	Kinexus	RpAb	PYK	5121	4	9423	16	84
Fgr	Y208+Y209	PK638	Kinexus	RpAb	PYK	4449	3	16536	3	272
Fgr	Y412	PK639	Kinexus	RpAb	PYK	2536	3	7666	7	202
G6PD	Y401	PN515	Kinexus	RpAb		2184	5	3927	10	80

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G6PD	Y503+Y507	PN701	Kinexus	RpAb		6697	6	29997	1	348
GIT1	Y545	PN517	Kinexus	RpAb		6426	5	14806	7	130
GUK1	Y53	PK652	Kinexus	RpAb	PSTK	5848	4	15847	5	171
HCA59	Y147	PN518	Kinexus	RpAb		11538	2	26455	1	129
HMGA1	S36+T39	PN605	Kinexus	RpAb		1826	8	2917	1	60
HMGA1	T53	PN606	Kinexus	RpAb		2592	4	3803	9	47
HMGB1	S35+S39	PN607	Kinexus	RpAb		3254	8	5016	13	54
HMGCS1	S495	PN754	Kinexus	RpAb		5784	0	8965	19	55
HRAS	Pan-specific	NN281-3	Kinexus	RpAb		1688	7	2372	14	41
HRAS	Y157	PN755	Kinexus	RpAb		4122	10	9705	21	135
ICK	Pan-specific	NK073-2	External	MmAb	PSTK	355	17	503	1	42
ICK	Y156+T157	PK655	Kinexus	RpAb	PSTK	2476	1	4285	10	73
ICK	Y159	PK656	Kinexus	RpAb	PSTK	1571	4	2527	6	61
IDH1	T75+T77	PN706	Kinexus	RpAb		2196	1	3616	12	65
IDH1	Y391	PN757	Kinexus	RpAb		4662	7	29210	6	527
IGF1R	Pan-specific	NK074-2	Kinexus	RpAb	PYK	347	10	741	2	114
IGF1R	Pan-specific	NK074-4	External	MmAb	PYK	214	27	756	50	253
IGF1R	Y1280	PK152	External	RpAb	PYK	317	20	616	22	94
IGF1R	Y1346	PK658	Kinexus	RpAb	PYK	1396	3	3334	21	139
IkBα	Pan-specific	NN064	External	RpAb		225	19	438	22	95
IkBα	S32	PN232	External	MmAb		216	8	417	13	93
IkBα	Y42	PN164	External	RpAb		90	29	191	14	113
IκBe	S161	PN168	External	RpAb		77	0	107	24	39
IKKβ (IκBKB)	Pan-specific	NK076-5	Kinexus	RpAb	PSTK	1445	3	2158	6	49
IKKβ (IκBKB)	Pan-specific	NK076-7	External	MmAb	PSTK	131	18	316	27	142
IKKε (IκBKE)	S172	PK660	Kinexus	RpAb	PSTK	1484	0	1954	10	32
IKKγ (NEMO)	Pan-specific	NN077-2	External	MmAb		153	11	233	10	52
IKKγ (NEMO)	S377	PN758	Kinexus	RpAb		2210	1	3224	10	46
InsR (IR)	Pan-specific	NK079-2	Kinexus	RpAb	PYK	393	0	901	26	129
InsR (IR)	Y1189	PK663	Kinexus	RpAb	PYK	2832	8	4406	14	56
IRAK1	Pan-specific	NK080-2	External	RpAb	PSTK	453	15	671	22	48
IRAK1	T387	PK664	Kinexus	RpAb	PSTK	3563	1	5735	1	61
IRAK4	T345+S346	PK665	Kinexus	RpAb	PSTK	2977	8	4137	8	39
IRR (INSRR)	Pan-specific	NK273-1	Kinexus	RpAb	PYK	895	30	1272	7	42
ITK	Y512	PK666	Kinexus	RpAb	PYK	4742	4	9040	0	91
ITSN2	Y968	PN521	Kinexus	RpAb		4251	7	19574	23	360
JAK1	Pan-specific	NK084-5	Kinexus	RpAb	PYK	3361	5	4752	5	41
JAK1	Pan-specific	NK084-2	External		PYK	312	3	483	14	55

Target Name	P-Site	Kinexus Antibody Codes	Antibody Source	Type	Kinase or Phosphatase Type	Average Serum-Starved Net Signal	% Error	Average EGF-treated Net Signal	% Error	EGF-induced %CFC
JAK1	Y1034+Y1035	PK884	Kinexus	RpAb	PYK	7253	5	42395	6	485
JAK1	T1107	PK895	Kinexus	RpAb	PYK	1644	0	2494	4	52
JAK2	Pan-specific	NK085-3	Kinexus	RpAb	PYK	1800	3	2664	16	48
JAK2	Pan-specific	NK085-4	Kinexus	RpAb	PYK	1417	11	2283	14	61
JAK2	Y570	PK668	Kinexus	RpAb	PYK	2885	4	5736	18	99
JAK2	Y1007+Y1008	PK034-1	External	RpAb	PYK	382	28	587	0	54
JAK2	Y1007+Y1008	PK667	Kinexus	RpAb	PYK	1789	9	3372	4	88
JAK3	Pan-specific	NK086	External	MmAb	PYK	115	15	190	1	64
JAK3	Y980+Y981	PK669	Kinexus	RpAb	PYK	1942	3	2840	4	46
JNK1 (MAPK8)	Pan-specific	NK217-2	Kinexus	RpAb	PSTK	1196	7	1968	10	65
JNK1 (MAPK8)	Pan-specific	NK189-5	External	MmAb	PSTK	360	20	633	31	76
JNK1 (MAPK8)	T183+Y185	PK190	External	MmAb	PSTK	131	6	209	38	60
JNK1 (MAPK8)	Y185	PK670	Kinexus	RpAb	PSTK	1913	5	3263	3	71
JNK2 (MAPK9)	Pan-specific	NK189-3	Kinexus	RpAb	PSTK	1419	5	1973	4	39
JNK2 (MAPK9)	Pan-specific	NK189-2	Kinexus	RpAb	PSTK	3568	1	5106	7	43
JNK3 (MAPK10)	Pan-specific	NK197-2	Kinexus	RpAb	PSTK	2506	7	3693	17	47
Jun (c-Jun)	Pan-specific	NN162	External	MmAb		87	13	158	4	81
Jun (c-Jun)	S243	PN614	Kinexus	RpAb		3838	5	7150	3	86
Jun (c-Jun)	S63	PN557	Kinexus	RpAb		3324	1	4321	16	30
Jun (c-Jun)	S63	PN213	External	MmAb		192	3	270	10	41
Jun (c-Jun)	S73	PN612	Kinexus	RpAb		2191	0	3128	10	43
Jun (c-Jun)	T91	PN163	External	RpAb		202	17	311	1	54
Jun (c-Jun)	T91+T93	PN214	External	MmAb		346	13	581	25	68
Jun (c-Jun)	Y170	PN155	External	RpAb		210	11	656	7	212
Jun (c-Jun)	T239	PN613	Kinexus	RpAb		1171	1	1708	3	46
KHS1 (MAP4K5)	Pan-specific	NK089	External	GpAb	PSTK	133	4	188	7	42
KHS1 (MAP4K5)	S174	PK671	Kinexus	RpAb	PSTK	2496	0	3675	16	47
KHS1 (MAP4K5)	Y31	PK672	Kinexus	RpAb	PSTK	3577	6	18672	4	422
Kit	Pan-specific	NK241-4	External	MmAb	PYK	164	10	254	4	55
Kit	S821+Y823	PK674	Kinexus	RpAb	PYK	4272	2	12119	2	184
Kit	Y703	PK036	External	RpAb	PYK	2699	8	7479	13	177
Kit	Y721	PK885	Kinexus	RpAb	PYK	5061	8	26023	11	414
Kit	Y730	PK037	External	RpAb	PYK	738	1	1301	5	76
Kit	Y936	PK673	Kinexus	RpAb	PYK	8913	3	39835	5	347
Ksr1	Pan-specific	NK090-1	Kinexus	RpAb	PSTK	258	2	455	22	76
Ksr1	S406	PK675	Kinexus	RpAb	PSTK	2132	0	3181	2	49
Ksr2	S490	PK676	Kinexus	RpAb	PSTK	2306	4	3315	11	44
LATS1	Pan-specific	NK091-2	Kinexus	RpAb	PSTK	709	16	956	19	35

Target Name	P-Site	Kinexus Antibody Codes	Antibody Source	Type	Kinase or Phosphatase Type	Average Serum-Starved Net Signal	% Error	Average EGF-treated Net Signal	% Error	EGF-induced %CFC
LATS1	Pan-specific	NK091-3	External	MmAb	PSTK	207	7	325	4	57
LATS1	S464	PK677	Kinexus	RpAb	PSTK	1207	4	1619	2	34
LATS1	S909	PK678	Kinexus	RpAb	PSTK	2550	5	3705	16	45
Lck	Pan-specific	NK353-4	External	MmAb	PYK	195	11	262	10	35
Lck	Y192	PK679	Kinexus	RpAb	PYK	2193	2	4233	4	93
Lck	Y263+Y264	PK680	Kinexus	RpAb	PYK	3676	8	11064	1	201
Lck	Y394	PK149	External	MmAb	PYK	158	14	240	4	52
LOK	S191	PK685	Kinexus	RpAb	PSTK	4212	2	14191	2	237
LTK	Y672	PK687	Kinexus	RpAb	PYK	4193	5	7616	11	82
MERTK (MER)	Y749	PK702	Kinexus	RpAb	PYK	2210	1	10908	5	394
MERTK (MER)	Y749+Y753	PK703	Kinexus	RpAb	PYK	6536	6	22474	2	244
MERTK (MER)	Y753	PK704	Kinexus	RpAb	PYK	2854	15	7577	3	166
Met	Y1003	PK708	Kinexus	RpAb	PYK	3034	8	12255	1	304
Met	Y1230	PK709	Kinexus	RpAb	PYK	5518	3	13448	8	144
Met	Y1234	PK710	Kinexus	RpAb	PYK	6293	4	9779	18	55
Met	Y1234+Y1235	PK711	Kinexus	RpAb	PYK	7428	0	21575	8	190
PBK	Y74	PK754	Kinexus	RpAb	PSTK	2261	1	9315	5	312
PBK	Y272	PK889	Kinexus	RpAb	PSTK	7197	4	27056	3	276
PCTK1 (CDK16)	Y176	PK755	Kinexus	RpAb	PSTK	6805	2	22799	27	235
PECAM-1	Y713	PN523	Kinexus	RpAb		7162	3	19088	13	167
PGK1	Y196	PN525	Kinexus	RpAb		3511	5	13246	6	277
PIK3R1	Y467	PN526	Kinexus	RpAb		7170	6	19076	2	166
PIK3R1	Y580	PN527	Kinexus	RpAb		4582	1	8308	1	81
PIK3R2	Y464	PN528	Kinexus	RpAb		2432	16	4902	8	102
PKCt (PRKCQ)	Y545	PK773	Kinexus	RpAb	PSTK	4128	4	13694	9	232
PLCG1	Pan-specific	NN144-2	External	MmAb		567	18	769	0	36
PLCG1	Y771	PN165	External	RpAb		256	18	400	17	57
PLCG1	Y783	PN144	External	RpAb		115	25	304	11	165
PLCG1	Y783	PN530	Kinexus	RpAb		4894	9	20485	5	319
PLCG1	Y977	PN722	Kinexus	RpAb		5067	4	6676	19	32
PLCG2	Y753	PN723	Kinexus	RpAb		3465	1	8074	32	133
PLCG2	Y753	PN143	External	RpAb		335	8	1276	26	281
PLCG2	Y759	PN531	Kinexus	RpAb		4180	2	6482	16	55
Plk1 (PLK)	T210	PK778	Kinexus	RpAb	PSTK	1589	7	2856	35	80
Plk1 (PLK)	Y217	PK779	Kinexus	RpAb	PSTK	4273	12	16135	1	278
Plk4 (SAK; STK18)	T170	PK780	Kinexus	RpAb	PSTK	3216	11	8826	2	174
PP2A/Ca (PPP2CA)	Y307	PP504	Kinexus	RpAb	PSTP	2411	6	4813	5	100
PP2Ca (PPM1A)	Y362	PP508	Kinexus	RpAb	PSTP	3829	10	16063	0	319

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PPP5C	Y119	PP507	Kinexus	RpAb	PSTP	6662	4	24229	7	264
PTPN11 (SHP2)	Pan-specific	NP026-3	External	MmAb	PYP	304	1	456	15	50
PTPN11 (SHP2)	Y62	PP512	Kinexus	RpAb	PYP	6783	2	23367	5	244
PTPN11 (SHP2)	T542	PP008	External	MmAb	PYP	243	20	406	6	67
PTPRA	Y798	PP521	Kinexus	RpAb	PYP	2568	4	4656	5	81
PTPRB	Y1981	PP522	Kinexus	RpAb	PYP	4015	8	13054	2	225
PTPRK	Y916	PP524	Kinexus	RpAb	PYP	1665	5	9041	1	443
PTPRM	Y929	PP526	Kinexus	RpAb	PYP	3131	3	16719	5	434
PTRF	Y308	PN646	Kinexus	RpAb		6021	5	29191	2	385
PYK2 (PTK2B)	Y402	PK788	Kinexus	RpAb	PYK	4691	1	7939	10	69
PYK2 (PTK2B)	Y402	PK787	Kinexus	RpAb	PYK	3671	4	6641	14	81
PYK2 (PTK2B)	Y579+Y580	PK789	Kinexus	RpAb	PYK	6627	6	18387	2	177
RIPK1 (RIP; RIPK)	Pan-specific	NK158-2	External	MmAb	PSTK	750	2	1024	25	37
RIPK1 (RIP; RIPK)	Y384	PK795	Kinexus	RpAb	PSTK	3211	7	6890	21	115
Ron (RONa)	Pan-specific	NK161-2	Kinexus	RpAb	PYK	3696	1	7082	4	92
Ron (RONa)	Y1238	PK800	Kinexus	RpAb	PYK	5380	1	25684	6	377
Ron (RONa)	Y1238+Y1239	PK801	Kinexus	RpAb	PYK	3192	9	9874	26	209
Ros	Y2114+Y2115	PK803	Kinexus	RpAb	PYK	8187	4	34551	7	322
RSK1 (RPS6KA1)	T573	PK806	Kinexus	RpAb	PSTK	7999	5	22001	10	175
RSK1 (RPS6KA1)	Y220+S221	PK807	Kinexus	RpAb	PSTK	4867	1	21638	7	345
RSK3 (RPS6KA2)	Y217+S218	PK808	Kinexus	RpAb	PSTK	4559	2	9621	5	111
SgK269 (PEAK1)	Y635	PK811	Kinexus	RpAb	PSTK	5459	10	11582	5	112
SHIP2 (INPPL1)	Y886	PN534	Kinexus	RpAb		9919	18	28076	12	183
SIT	Y90	PN535	Kinexus	RpAb		2974	10	4033	8	36
SIT	Y95	PN536	Kinexus	RpAb		3623	2	14419	3	298
snRNP 70	Y126	PN537	Kinexus	RpAb		1849	13	2955	7	60
SOCS7	Y561	PN728	Kinexus	RpAb		4406	5	7432	3	69
Src	Pan-specific	NK172-4	External	MmAb	PYK	153	8	260	0	71
Src	Pan-specific	NK172-3	External	RpAb	PYK	242	13	447	41	85
Src	Y419	PK107	External	RpAb	PYK	147	38	457	5	210
STAT1	Y701	PN666	Kinexus	RpAb		9327	0	37380	3	301
STAT2	Y690	PN668	Kinexus	RpAb		145	26	276	5	90
STAT3	Y705+T708	PN539	Kinexus	RpAb		1549	6	3127	3	102
STAT4	S721	PN274	External	MmAb		354	7	779	0	120
STAT6	Y641	PN673	Kinexus	RpAb		3881	7	15544	2	301
Syk	Y323	PK821	Kinexus	RpAb	PYK	1064	18	1630	5	53
Syk	Y352	PK822	Kinexus	RpAb	PYK	615	1	858	1	39
Syk	Y525+Y526	PK823	Kinexus	RpAb	PYK	425	31	673	14	58

Target Name	P-Site	Kinexus Antibody Codes	Antibody Source	Type	Kinase or Phosphatase Type	Average Serum-Starved Net Signal	% Error	Average EGF-treated Net Signal	% Error	EGF-induced %CFC
TEC	Y519	PK829	Kinexus	RpAb	PYK	2374	1	4271	0	80
TGM2	Y369	PN541	Kinexus	RpAb		7205	9	22534	0	213
TIE2 (TEK)	Y897	PK830	Kinexus	RpAb	PYK	2722	4	9004	5	231
TIE2 (TEK)	Y992	PK831	Kinexus	RpAb	PYK	231	2	415	21	80
TLN1	Y70	PN542	Kinexus	RpAb		3691	1	6451	3	75
TNK1	Y277	PK832	Kinexus	RpAb	PSTK	1205	0	14220	3	1080
TrkA (NGFR)	Y680+Y681	PK837	Kinexus	RpAb	PYK	4722	2	14771	4	213
TrkB (NTRK2)	Y516	PK838	Kinexus	RpAb	PYK	2433	6	3632	5	49
TrkB (NTRK2)	Y702	PK839	Kinexus	RpAb	PYK	263	4	384	3	46
Yes	Pan-specific	NK186	External	MmAb	PYK	204	42	336	15	64
Yes	Y222+Y223	PK858	Kinexus	RpAb	PYK	3073	9	6875	2	124
YSK1 (STK25)	T174	PK859	Kinexus	RpAb	PSTK	2159	2	5282	7	145
ZAP70	Y248	PK860	Kinexus	RpAb	PYK	234	2	341	16	46
ZAP70	Y292	PK861	Kinexus	RpAb	PYK	1173	18	2831	17	141
ZAP70	Y319	PK862	Kinexus	RpAb	PYK	3173	32	5123	19	61
ZAP70	Y492+Y493	PK863	Kinexus	RpAb	PYK	3205	13	5104	22	59