

V5-tag antibody [SV5-P-K], monoclonal mouse IgG1 kappa

Product code: v5ab



Properties

Description	Mouse monoclonal antibody [SV5-P-K] to V5-tag. Recombinant. Chimeric antibody comprised of the variable region of the V5-tag antibody [SV5-P-K] and the Fc fragment of mouse IgG1.
Target / Specificity	V5-tag GKPIPPLLGLDST, derived from the P and V proteins of the paramyxovirus simian virus 5
Product Type	Primary antibody
Format	Monoclonal mouse antibody
Host	Recombinantly produced
Isotype / Subclass	Mouse IgG1 (kappa light chain)
Clonality	Monoclonal
Clone	SV5-P-K
RRID	AB_2868500
Immunogen	Pk (V5) epitope tag (GKPIPPLLGLDST)
Conjugate	Unconjugated
Purity	Protein A affinity purified
Form	Buffered aqueous solution
Concentration	1 g/L
Validation	Application validated for Western blotting.
Storage buffer	PBS Preservative: 0.02% Proclin, Safety datasheet (SDS): Proclin
Storage condition	Aliquot upon receipt and store at -20°C/-4°F. Avoid freeze-thaw cycles.
Stability	Stable for 1 year at -20°C/-4°F
Shipment	Shipped on blue ice

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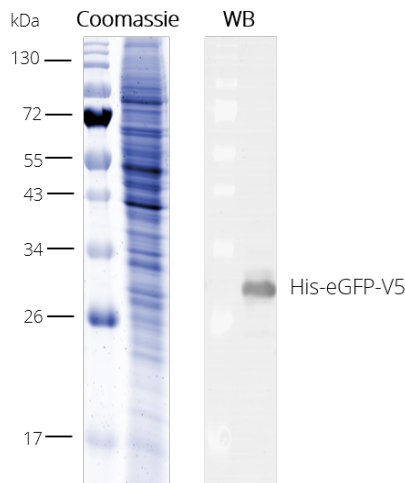
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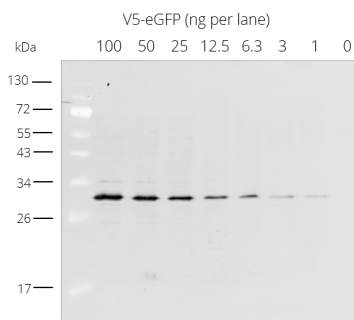
Tested applications

Western Blot

- Blocking: 5% skimmed milk in PBS-T (PBS + 0.075% Tween-20) for 10-30 min at +4°C/+40°F or room temperature
- Washing: PBS-T
- Incubation: dilution 1:1,000 - 1:5,000 in 5% milk in PBS-T, 1h at room temperature or overnight at +4°C/+40°F.
- *Note:* The optimal dilution depends on the application and should be determined by the user. A titration from range from 1:1,000 up to 1:5,000 is recommended.
- *Note:* Image acquisition time may have to be optimized.



SDS-PAGE and Western blot analysis of His-eGFP-V5 (10 µg/mL) added to HEK293T cell lysate. Staining of SDS-PAGE with Coomassie InstantBlue. Western blot detection with V5-tag antibody [SV5-P-K], monoclonal mouse IgG1 kappa (v5ab, ChromoTek) 1:5,000 and Nano-Secondary[®] alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor[®] 488 [CTK0103, CTK0104] (sms1AF488-1, ChromoTek) 1:5,000.



Western blot analysis of V5-tagged EGFP added to HEK293T cell lysate. Detection with V5-tag antibody [SV5-P-K], monoclonal mouse IgG1 kappa (v5ab, ChromoTek) 1:5,000 and Nano-Secondary[®] alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor[®] 488 [CTK0103, CTK0104] (sms1AF488-1, ChromoTek) 1:5,000. Western blot membrane was incubated simultaneously with the primary antibody and Nano-Secondary (one-step staining).

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Product sizes

Product	Product code	Size
V5-tag antibody [SV5-P-K], monoclonal mouse IgG1 kappa	v5ab-20	20 µg
	v5ab-200	200 µg

Product overview and related products

V5-tag toolbox	Product code
V5-Trap™ Agarose	v5ta-10; -20; -100
V5-Trap™ Agarose Kit	v5tak-20
V5-Trap™ Magnetic Agarose	v5tma-10; -20; -100
V5-Trap™ Magnetic Agarose Kit	v5tmak-20
iST V5-Trap™ Kit for IP/MS	v5tak-iST-8
Binding Control Agarose	bab-20
Binding Control Magnetic Agarose	bmab-20
Spin columns	sct-10; sct-20; sct-50
V5-peptide	v5p-1
V5 VHH, recombinant binding protein	v5t-250
V5-tag antibody [SV5-P-K], monoclonal mouse IgG1 kappa	v5ab-20; -200
Nano-Secondary® alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor® 488 [CTK0103, CTK0104]	sms1AF488-1-10; -100
Nano-Secondary® alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor® 568 [CTK0103, CTK0104]	sms1AF568-1-10; -100
Nano-Secondary® alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor® 647 [CTK0103, CTK0104]	sms1AF657-1-10; -100

For product details, information, and ordering visit www.chromotek.com.

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