



Image adapted from the journal of virology paper by Heurich et al. PMID:24227043

COVID-19 AND VIRAL INFECTION PRODUCTS

Though our understanding of COVID-19 is limited thus far, Hoffman and colleagues recently in Cell (PMID: 32142651) detailed how the novel coronavirus uses ACE2 and TMPRSS2 to gain access to the cell and replicate. Proteintech offers antibodies for both ACE2 and TMPRSS2 to accelerate your research on SARS-COV-2 and other viruses.

We also offer products in these categories to help you study the many aspects of COVID-19 and Viral Infection:

- Receptors of Viral Infection
- Antiviral/Infection Inhibition
- Degradation of Viral RNA
- Viral transcription & replication
- Cytokine and Immune Response Products
- NeutraKine™ Human Cytokine Neutralization Antibodies
- Innate Immunity
- IgM & IgG
- TRIM Family
- Cathepsin
- Related Signaling Antibodies

To view our full selection of COVID-19 and Viral Infection related products visit: ptglab.com/products/featured-products/coronavirus-covid-19-products/

SARS-COV-2 Entry Mechanism

| Catalog No. | Product Name | Applications | Species reactivity |
|-------------------------|--------------------------------------|--------------------|--------------------|
| 21115-1-AP ⁴ | Human ACE2 polyclonal antibody | IHC, WB, IP, ELISA | human, mouse, rat |
| 66699-1-Ig | Human ACE2 monoclonal antibody | IHC, WB, ELISA | human, mouse |
| ag30683 | ACE2 (Binding domain) fusion protein | | |
| ag15554 | ACE2 (C-terminal) fusion protein | | |
| 14437-1-AP | Human TMPRSS2 polyclonal antibody | IHC, WB, ELISA | human, mouse, rat |

⁰⁰ This number shows the amount of times our antibody has been cited in a publication.

SARS-COV-2 Viral Proteins

| Catalog No. | Domain | Product | Tag | Host |
|-------------|-----------|-----------------------------|-------|-----------|
| ag30676 | 1-419aa | nucleocapsid phosphoprotein | 6*His | BL21(DE3) |
| ag30692 | 101-222aa | membrane glycoprotein | 6*His | BL21(DE3) |
| ag30689 | 319-541aa | spike protein-RBD | GST | BL21 |