Anti-SARS-CoV S glycoprotein [S227] Bulk Size Ab00263-23.0-BT

Made with Antibody Sequences licensed from Humabs Biomed SA.

> This chimeric rabbit antibody was made using the variable domain sequences of the original human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: S227

Alternative Name(s) of Target: Severe Acute Respiratory Syndrome Coronavirus GP

UniProt Accession Number of Target Protein:

Published Application(s): NTRL, ELISA

Published Species Reactivity: SARS Coronavirus

Immunogen: Made by immortalizing IgG-expressing B cells from recovered SARS patients.

Specificity: SARS-CoV-neutralizing hmAbs, binds to SARS-CoV S glycoprotein, inhibiting the binding of the glycoprotein to human ACE2. S227 was tested prophylactically at 10 and 1 mg/kg in 12-month-olb BALB/c mice infected with a letal dose of SARS-CoV (106 PFU) Urbani, GZ02 and HC/SZ/61/03. All animals treated with S227 recovered on day 5.

Application Notes:

Antibody First Published in: Rockx B, Corti D, Donaldson E, Sheahan T, Stadler K, Lanzavecchia A, Baric R. Structural basis for potent cross-neutralizing human monoclonal antibody protection against lethal human and zoonotic Severe Acute Respiratory Syndrome CoronaVirus challenge. J Virol. 2008 Apr;82(7):3220-35. doi: 10.1128/JVI.02377-07. Epub 2008 Jan 16. PMID:18199635

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4⁰C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.