

Anti-SARS-CoV S glycoprotein [S223] Standard Size Ab00262-23.0

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: S223

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.

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: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

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.