

Anti-SARS-CoV S glycoprotein [S110] Bulk Size Ab00257-10.7-BT

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag. Made with Antibody Sequences licensed from Humabs Biomed SA.

This reformatted human 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: Human F(ab)2, AbFab2™ His-Tagged, Kappa

Clone Number: S110

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. An efficient method to make human monoclonal antibodies from memory B cells: potent neutralization of SARS coronaVirus. Nat Med. 2004 Aug;10(8):871-5. Epub 2004 Jul 11 [PMID:15247913](#)

Note on publication:

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.