

Product Datasheet

SARS Spike Protein Antibody (16F1071) - BSA Free NBP2-24746

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-24746

SARS Spike Protein Antibody (16F1071) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	16F1071
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Species	SARS-CoV
Reactivity Notes	This antibody is not reactive to COVID-19
Immunogen	The antibody was developed by immunizing mice with a synthetic peptide corresponding to amino acids 19-35 (CTTFDDVQAPNYTQHTS) from the S (Spike glycoprotein)(Spike Protein 1) for the Human SARS coronavirus (Genbank accession no. NP_828851.1)
Preparation Method	The C1.18.4 hybridoma cell line was grown and tissue culture supernatant was purified using affinity chromatography.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 16081529)

Publications

Zhang L, Wei L, Jiang D et al. SARS-CoV nucleocapsid protein induced apoptosis of COS-1 mediated by the mitochondrial pathway. *Artif Cells Blood Substit Immobil Biotechnol.* 2007-01-01 [PMID: 17453707]

Details:

WB: Fig. 1 (COS-1, Huh-7, and Hep2 transiently or mock-transfected with SARS Matrix, Spike, or Nucleocapsid proteins), Antibodies were transfected validated. Imgenex products cited: 1. SARS-Spike (IMG-5119A) 2. SARS-Spike (IMG-5015) 3. SARS-M (IMG-5125A).

Simmons G, Gosalia DN, Rennekamp AJ et al. Inhibitors of cathepsin L prevent severe acute respiratory syndrome coronavirus entry. *Proc Natl Acad Sci U S A.* 2005-08-16 [PMID: 16081529] (ICC/IF)





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Products Related to NBP2-24746

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-24746B	SARS Spike Protein Antibody (16F1071) [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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