

Mouse anti-Human SARS Monoclonal Antibody | anti-SARS antibody

SARS (Seryl-tRNA Synthetase, Cytoplasmic, Seryl-tRNA(Ser/Sec) Synthetase, Serine-tRNA Ligase, SerRS, SERS, FLJ36399) (AP)

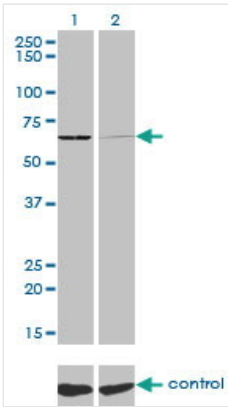
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24352	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SARS; Monoclonal Antibody; SARS (Seryl-tRNA Synthetase; Cytoplasmic; Seryl-tRNA(Ser/Sec) Synthetase; Serine-tRNA Ligase; SerRS; SERS; FLJ36399) (AP); anti-SARS antibody

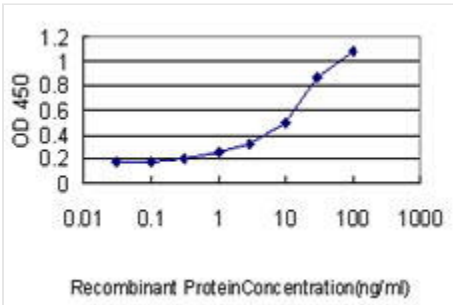
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1H4
Specificity	Recognizes human SARS.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-SARS antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-514 from human SARS (AAH00716) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MVLDDLFRVDKGGDPALIRETQEKRFKDPGLVDQLVKADSEWRRRCFRADNLNKLKNLCSKTIGEKMKKKEPVGDDSEVPENVLSFDDLTADALANLKV
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use.



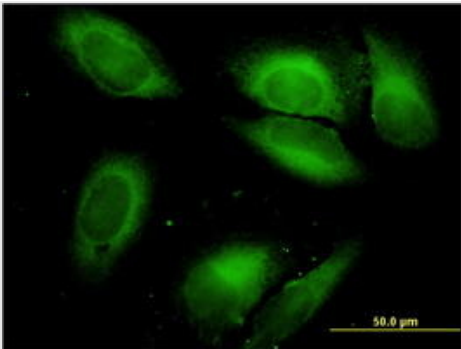
WB (Western Blot)

Western blot analysis of SARS over-expressed 293 cell line, cotransfected with SARS Validated Chimera RNAi (301-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SARS monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



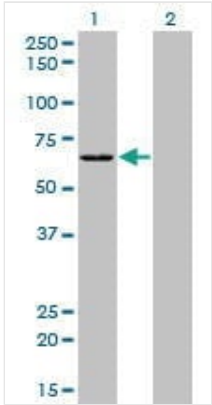
Application Data

Detection limit for recombinant GST tagged SARS is ~0.03ng/ml as a capture antibody.



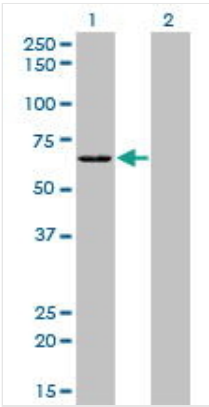
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to SARS on HeLa cell. [antibody concentration 25ug/ml].



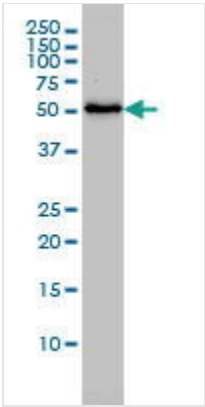
IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to SARS on formalin-fixed paraffin-embedded human colon tissue. [antibody concentration 3ug/ml].



WB (Western Blot)

Western Blot analysis of SARS expression in transfected 293T cell line by SARS monoclonal antibody. Lane 1: SARS transfected lysate (58.8kD). Lane 2: Non-transfected lysate.



WB (Western Blot)

SARS monoclonal antibody, Western Blot analysis of SARS expression in Jurkat.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SARS antibody

Antibodies; Enzymes; Synthase

NCBI AND UNIPROT INFORMATION

NCBI GI #	12653850
NCBI GeneID	6301
Molecular Weight	58,777 Da
NCBI Official Full Name	Homo sapiens seryl-tRNA synthetase, mRNA
NCBI Official Synonym Full Names	seryl-tRNA synthetase
NCBI Official Symbol	SARS
NCBI Official Synonym Symbols	SERS; SERRS
NCBI Protein Information	serine--tRNA ligase, cytoplasmic

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/sars-antibody-clone-1h4-immunohistochemistry-western-blot-elisa/24352>