Anti-MERS-CoV Spike RBD antibody (18-725) (STJ11103388)

STJ11103388

GENERAL INFORMATION

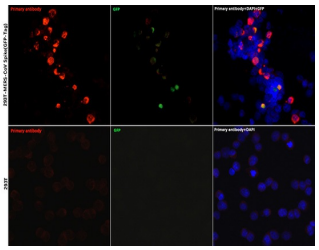
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	MERS-CoV

PRODUCT PROPERTIES

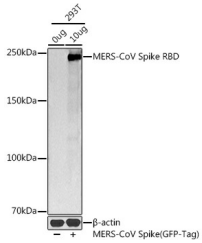
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	
Gene Symbol	
Uniprot ID	
Immunogen	
Immunogen Region	18-725
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 18-725 of coronavirus Spike RBD (YP_009047204.1).
Immunogen Sequence	YVDVGPDSVKSACIEVDIQQ TFFDKTWPRPIDVSKADGII YPQGRTYSNITITYQGLFPY QGDHGDMYVYSAGHATGTTP QKLFVANYSQDVKQFANGFV VRIGAAANSTGTVIISPSTS ATIRKIYPAFMLGSSVGNFS DGKMGRFFNHTLVLLPDGCG TLLRAFYCILEPRSGNHCPA GNSYTSFATYHTPATDCSDG NYNRNASLNSFKEYFNLRNC TFMYTYNITEDEILEWFGI



Immunofluorescence analysis of 293T cells transfected with MERS-CoV Spike (GFP-Tag) protein and untreated 293T cells use MERS-CoV Spike RBD Rabbit polyclonal antibody (STJ11103388) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using MERS-CoV Spike RBD antibody (STJ11103388) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

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