

Catalogue No.

AB0161-200

Qty:

600 µg

Anti-MERSC-CoV Spike Protein

Source: Goat

General description: Goat polyclonal to Spike protein of Middle East respiratory Syndrome coronavirus. Coronaviruses access host cells by membrane fusion, a process mediated by specific fusion or “spike” proteins on the virion, often activated by cellular proteases.

Alternative names: S-protein MERS-CoV antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 381-505 aa (Spike receptor binding domain) of Spike protein from Middle East respiratory syndrome coronavirus produced in E. coli.

Specificity: Detects MERSC-CoV Spike (receptor binding domain) recombinant fusion proteins (MBP-S-protein and GFP-S-protein).

Reactivity: Reacts with Transfected cells proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Transfected cells	+++	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:2,000

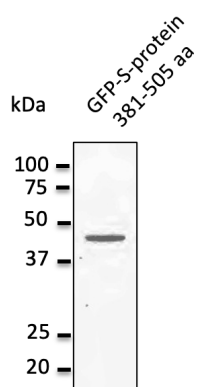
Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

References:

1. Cho H, Jang Y, Park KH, et al. NPJ Vaccines. 2021 Mar PMID: 33741992

2. Chun J, Cho Y, Park KH, et al. J Microbiol Biotechnol. 2019 May PMID: 30982320



Anti-MERSC-CoV Spike Protein Ab at 1/1,000 dilution; HEK293 transfected cell lysates at 30 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.