

Anti-MERS-CoV Spike protein [2E6] Standard Size Ab03828-23.0

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 2E6

Alternative Name(s) of Target: Spike glycoprotein; S glycoprotein; E2; Peplomer protein; Spike protein S1; The Middle East Respiratory Syndrome Coronavirus

UniProt Accession Number of Target Protein: W6A029

Published Application(s): NTRL, SPR, ELISA, FC

Published Species Reactivity: MERS Coronavirus

Immunogen: The original antibody was generated by immunizing Bab/c mice with high-purity MERS-RBD protein.

Specificity: The antibody is specific for the Spike protein of MERS Coronavirus.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody inhibited the binding of MERS virus S protein to cell surface receptor CD26 by flow cytometry. The antibody could neutralize the virus (pseudovirus and live virus) as shown by virus neutralization test. The binding affinity of the antibody to MERS RBD protein was measured by surface plasmon resonance ($K_d = 9 \text{ nM}$) (CN104447986A).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.