

Anti-MERS-CoV Spike Protein [D12] Bulk size

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Description: Recombinant monoclonal antibody to MERS-CoV Spike Protein. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma D12.

Isotype and Format: Rabbit IgG, kappa

Clone Number: D12

UniProt Accession Number of Target Protein:

Published Application(s): NTRL; ELISA; Crystallization; IF

Published Species Reactivity: MERS-CoV

Immunogen: MERS-CoV (England1 strain) S1 protein.

Specificity: This antibody binds to MERS-CoV spike protein receptor binding domain on the S1 protein. It is reported to cross-reacts with MERS-CoV strains England1, Bishan1, England1-D509G, whilst binding to England1-S532P, W535R and E536R is impaired.

Antibody First Published in:

Wang et al. Nat Commun 6, 7712 (2015) [PMID:26218507](#) **Note on publication:** Describes the generation as well as functional and structural characterization of this antibody.

Product Form

This is a Bulk size product. Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied in: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: See vial label

Product Code: Ab00696-23.0-BT

Rabbit IgG

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.