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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Genome polyprotein [SD6] Standard Size Ab04412-23.0

Isotype and Format: Rabbit IgG, Kappa

Clone Number: SD6

Alternative Name(s) of Target: Genome polyprotein; Capsid protein VP1; Virion protein 1

UniProt Accession Number of Target Protein: P03311

Published Application(s): WB, ELISA

Published Species Reactivity: Foot-and-mouth disease virus

Immunogen: The original antibody was raised by immunizing a mouse with preparation of virus FMDV C-S8c1.

Specificity: This antibody is specific for the VP1 epitope of the foot-and-mouth disease virus.

Application Notes: The original antibody was used for an ELISA on foot and mouth disease C-S8c1. Further this antibody was used for a plaque reduction assay on FMDV (Mateu et al., 1987; PMID:2446442). The structure of this antibody was determined using cryo-EM (Hewat et al., 1997; PMID:9130694). This antibody fused with the Escherichia coli β-galactosidase enzyme was used for ELISA on its own epitope (Alcalá et al., 2003; PMID:12505169). This antibody was used for a dot blot on the FMDV VP1 G-H loop (Skamel et al., 2014; PMID:25393763).

Antibody First Published in: Mateu et al. Reactivity with monoclonal antibodies of viruses from an episode of foot-and-mouth disease Virus Res. 1987 Sep;8(3):261-74. [PMID:2446442](#)

Note on publication: The original paper studied a panel of 12 monoclonal antibodies (MAbs) raised against foot-and-mouth disease virus (FMDV) of serotype C1 (FMDV C-S8c1) and 11 MAbs raised against other FMDVs have been used to evaluate the reactivity of 14 isolates of FMDV of serotype C1.

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.