



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-Genome polyprotein [SD6] Bulk Size Ab04412-23.0-BT

**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  $\beta$ -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:** 1 mg 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:** 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.