



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-VP1 protein [4C4] Bulk Size Ab03263-1.1-BT

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 4C4

Alternative Name(s) of Target: VP1; Genome polyprotein; Capsid protein VP1; Virion protein 1; Protein VP1; P1D; serotype C (clone C-S8c1); FMDV C1 Brescia It/64

UniProt Accession Number of Target Protein: P15072

Published Application(s): neutralize, WB, ELISA

Published Species Reactivity: Foot-and-mouth disease virus (FMDV)

Immunogen:

Specificity: This antibody is specific for the major antigenic site A (G-H loop) of the VP1 protein of the foot-and-mouth disease virus (FMDV). It is reported to recognize the amino acid sequence 'YTTSTRGDLAHVTTT'. FMDV a picornavirus, the prototypical member of the genus Aphthovirus. FMDV causes a mild, contagious viral infection common in young children characterized by vesicles (blisters) or sores in the mouth and a rash on the hands and feet. It can also affect cattle, pigs, sheep, goats, and other cloven-hoofed animals.

Application Notes: The reactivity of this antibody to whole virus particles was determined using ELISA (PMID: 1690261). This antibody is capable of neutralizing the FMDV serotype C-S8c1 and FMDV C1 Brescia It/64 (PMID: 1690261; 10069951; 9420281). This antibody can also recognize both C1 Brescia It/64 and C-S8c1 in a western blot assay (PMID: 9420281; 1690261).

Antibody First Published in: Mateu et al. A single amino acid substitution affects multiple overlapping epitopes in the major antigenic site of foot-and-mouth disease virus of serotype C. J Gen Virol. 1990 Mar;71 (Pt 3):629-37. [PMID:1690261](#)

Note on publication: Various antibodies against FMDV were used to define multiple antigenic epitopes on the surface of FMDV serotype C.

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.