



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-A27L, Protein A27 [8E3] Bulk Size Ab04462-1.29-BT

This is a Fab fragment with a his-tag.

Isotype and Format: Mouse Fab fragment, His-Tagged, Lambda

Clone Number: 8E3

Alternative Name(s) of Target: A27L; Protein A27; OPG154; VACWR150

UniProt Accession Number of Target Protein: P11258

Published Application(s): crystallography, neutralization, ELISA, FC

Published Species Reactivity: Vaccinia virus

Immunogen: The original antibody was raised by immunizing a BALB/c mouse with VACVWR.

Specificity: This antibody is specific for the sequence DVQTGRRPYE of protein A27.

Application Notes: The original version of this antibody was used for an ELISA on recombinant VACV A27 protein. This antibody was used for an in vitro flow cytometry neutralization assay (Kaeffer et al., 2016; PMID:26889021). It showed the ability to prevent 90% of virus from binding to Vero E6 cells. The structure of this antibody was determined using x-ray crystallography (Kaeffer et al., 2016; PMID:26889021).

Antibody First Published in: Kaeffer et al. Linear Epitopes in Vaccinia Virus A27 Are Targets of Protective Antibodies Induced by Vaccination against Smallpox J Virol. 2016 May 1; 90(9): 4334–4345. [PMID:26889021](#)

Note on publication: The original paper generated and subsequently characterized 7 murine monoclonal antibodies (MAbs), which fell into 4 distinct epitope groups (groups I to IV)

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.