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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Protein OPG154 [1G6] Ab04461-1.29

This is a Fab fragment with a his-tag.

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

Clone Number: 1G6

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 residues 21 to 40 of the A27 protein.

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, Kaeffer et al., 2014; PMID:25031354). 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: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.