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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-Vaccinia A33 glycoprotein [A2C7] Standard Size Ab00766-3.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG2b, [Fc Silent™](#), Kappa

Clone Number: A2C7

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): neutralization, IF

Published Species Reactivity: Vaccinia virus

Immunogen: This antibody was prepared by intranasally infecting BALB/c mice with an attenuated vaccinia virus (VACV) mutant, followed by a boost with an intravenous injection of UV-inactivated WT VACV.

Specificity: This antibody is specific for the VACV antigen A33, a viral glycoprotein associated with the outer membrane of extracellular enveloped viruses. A33 is known to elicit protective antibody responses.

Application Notes: The specificity of this antibody for VACV has been confirmed by IF assays (Meng, 2011). This antibody exhibited strong complement-mediated neutralization of the extracellular enveloped form of vaccinia virus in the presence of complement, and was able to protect mice against weight loss and death following an in vivo VACV challenge (Matho, 2015).

Antibody First Published in: Meng et al. Generation and characterization of a large panel of murine monoclonal antibodies against vaccinia virus *Virology*, 2011, Vol.409(2), pp.271-279 [PMID:21056889](#)

Note on publication: Describes the original generation of this antibody, along with a panel of other anti-VACV monoclonal antibodies, by characterizing B cell hybridomas from a mouse immunized with VACV.

Product Form

Size: 200 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.