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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

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-Vaccinia A33 glycoprotein [A2C7] Bulk Size Ab00766-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, 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: 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.