



# 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

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## Anti-Vaccinia A33 glycoprotein [A2C7] Standard Size Ab00766-3.0

**Isotype and Format:** Mouse IgG2b, 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.