



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-Protein OPG161 [A20G2] Bulk Size Ab04407-2.3-BT

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

This is a reformatted mouse IgG2a Fc Silent™ antibody, based on the original mouse IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** A20G2

**Alternative Name(s) of Target:** A33R; OPG161; VACWR156; Protein A33; Extracellular enveloped virus (EEV)-s

**UniProt Accession Number of Target Protein:** P68617

**Published Application(s):** in vivo, ELISA

**Published Species Reactivity:** Vaccinia virus

**Immunogen:** The original antibody was raised by immunizing a mouse with VACV.

**Specificity:** This antibody is specific for a conformational epitope on A33 of the vaccinia virus.

**Application Notes:** The original version of this antibody was able to prevent vaccinia virus challenge in vivo when tested in mice. Furthermore the ability of this antibody to neutralize the vaccinia virus. Finally the epitope of this antibody was determined using an ELISA (Matho et al., 2015; PMID:26325270).

**Antibody First Published in:** Matho et al. Structural and Functional Characterization of Anti-A33 Antibodies Reveal a Potent Cross-Species Orthopoxviruses Neutralizer PLoS Pathog. 2015 Sep; 11(9): e1005148. [PMID:26325270](#)

**Note on publication:** The original paper produced seven murine anti-A33 monoclonal antibodies by immunizing mice with live 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.