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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-Protein OPG161 [A27D7] Bulk Size Ab04436-2.3-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: A27D7

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, SPR, 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). The original antibody was used for a binding competition assay on biotin-labeled DAM. Further surface plasmon resonance was performed on DAM using this antibody (Wang et al., 2024; PMID:38182667).

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.