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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-panfilovirus glycoprotein [4B3B5] Standard Size Ab04165-10.3

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 human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 4B3B5

Alternative Name(s) of Target: GP1,2; GP; filovirus; filovirus Gp; Envelope glycoprotein; Virion spike glycoprotein

UniProt Accession Number of Target Protein: Q66810; P35253

Published Application(s): ELISA

Published Species Reactivity: panfilovirus

Immunogen: The original antibody was generated by immunizing BALB/c mice with the conserved B cell epitope of filovirus Gp.

Specificity: The antibody is specific for glycoproteins (GP). In particular, it targets the epitope GAFFLYDRLAST (a.k.a peptide 1), that is conserved across all ebolavirus and marburgvirus spp glycoproteins (GP)

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis (Bongcam-Rudloff et al. 2023).

Antibody First Published in: Bongcam-Rudloff et al. Consensus DNA and amino acids sequences of the recombinant panfilovirus glycoprotein specific mAb 4B3B5 and its expression in CHO mammalian cell lines Preprint from Research Square, 01 Feb 2023. DOI: 10.21203/rs.3.rs-2532962/v1 PPR: PPR610922 PMID:

Note on publication: The paper describes the generation and characterization of the antibody.

Product Form

Size: 100 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.