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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-Cytomegalovirus glycoprotein B [ITC33] Standard Size Ab04457-10.3

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™](#)

Clone Number: ITC33

Alternative Name(s) of Target: CMV gB; HHV-5; gB; Human herpesvirus 5

UniProt Accession Number of Target Protein: P06473

Published Application(s): WB, ELISA

Published Species Reactivity: Human Cytomegalovirus

Immunogen: The original antibody was raised from Human lymphoblastoid cell lines producing antibodies recognizing recombinant CMV gp58. The cells were obtained from CMV-seropositive blood donors.

Specificity: This antibody is specific for residues 549 to 635 of gp58 of human Cytomegalovirus.

Application Notes: The original antibody was used for an ELISA on recombinant CMV antigen (Ohlin et al., 1993; PMID:7678304), on its antigen (Schoppel et al., 1996; PMID:8614980), and on the CMV antigen using the scFv version of this antibody (Steinhauer et al., 2002; PMID:12514928). This antibody was used for a western blot on native CMV membrane antigens (Ohlin et al., 1993; PMID:7678304), and on the CMV antigen using the scFv version of this antibody (Steinhauer et al., 2002; PMID:12514928).

Antibody First Published in: Ohlin et al. Fine specificity of the human immune response to the major neutralization epitopes expressed on cytomegalovirus gp58/116 (gB), as determined with human monoclonal antibodies *J Virol.* 1993 Feb;67(2):703-10. [PMID:7678304](#)

Note on publication: The original paper studies the humoral immune response to human cytomegalovirus (CMV) membrane glycoprotein gp58/116 (gB) by establishing cell lines producing specific human monoclonal antibodies.

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.