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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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-CD72 [004 (pgG102-004C01)] Standard Size Ab04012-10.3

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: 004 (pgG102-004C01)

Alternative Name(s) of Target: Lyb-2; B-cell differentiation antigen CD72

UniProt Accession Number of Target Protein: P21854

Published Application(s): FC

Published Species Reactivity: Human

Immunogen: The original antibody was isolated from a human scFv phage display library by panning against human CD72 receptor using human tonsillar mononuclear cells. The phage library was further enriched using peripheral blood B lymphocytes as target in presence of anti-CD19 antibody. The final round of panning was done against peripheral blood CD19+B cells and subsequently tested for binding to CD72-transfected L929 cells. Later on the scFv antibody was converted to human IgG1 format using antibody engineering.

Specificity: This antibody binds human CD72, which plays a role in B cell proliferation and differentiation.

Application Notes: The binding of this antibody to human CD72 expressed on the surface of Ramos Burkitt's lymphoma cells and hCD72 transfected L929 cells was determined using flow cytometry. This antibody was also used in the immunohistochemical staining of frozen sections of various human tissues expressing human CD72. Internalization assays with Ramos Burkitt's lymphoma cells were performed in order to determine the internalizing capacity of this antibody. It was reported that this antibody is capable of being internalized and are resistant to protease treatment (WO2004067569).

Antibody First Published in: [PMID:](#)

Note on publication:

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.