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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-CD133 [2C3] Standard Size Ab04086-10.3

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 VHH format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™

Clone Number: 2C3

Alternative Name(s) of Target: Prominin-1; Antigen AC133; Prominin-like protein 1

UniProt Accession Number of Target Protein: O43490

Published Application(s):

Published Species Reactivity: Human

Immunogen: The original antibody was generated by screening a natural nanobody phage display library and panning against human CD133.

Specificity: The antibody is specific for CD133. CD133 is a cell surface glycoprotein molecule mainly localized to the bulge of the cytoplasmic membrane and is involved in the organization of the membrane. CD133 is often used as a marker for tumor stem cell isolation and identification

Application Notes: The specificity of the antibody was confirmed by ELISA analysis. This antibody was used for detection of CD133 expressed on CHO cells by flow cytometry. The antibody human IgG1 Fc fusion protein was constructed and used for detection of CD133 expressed on HT29, HCT116 and Caco-2 cells. The antibody drug conjugate obtained by coupling 2C3-hFc with DM1, showed cytotoxic activity on HT29, HCT116 and Caco-2 cells (CN113480651B).

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.