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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-ICAM1 [053-051] Standard Size Ab04135-10.3

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

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

Clone Number: 053-051

Alternative Name(s) of Target: CD54; ICAM-1; Intercellular adhesion molecule 1; Major group rhinovirus receptor

UniProt Accession Number of Target Protein: P05362

Published Application(s): ADCC, FACS

Published Species Reactivity: Human

Immunogen: The original antibody was isolated by panning a phage display library against ICAM1.

Specificity: The antibody is specific for ICAM1. ICAM1 is transmembrane glycoprotein having seven binding sites of the N-bonding sugar chain. The molecular weight is 90 kDa. ICAM belongs to Ig-superfamily and is known to be mainly involved with adhesion of leukocyte. It also mediates T lymphocyte adhesion to an antigen presenting cell (APC) and is involved with the interaction between T cell and T cell or between T cell and B cell.

Application Notes: The antibody could detect ICAM1 in different cell lines (Liver cancer cell line HepG2, pulmonary adenocarcinoma cell line PC14) by FACS analysis. The IgG1 format of the antibody exhibited ADCC activity on NCI-H441, NCI-H1373 and HepG2 cell lines (US9388249B2).

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.