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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-CD49e [NKI-SAM-1] Standard Size Ab03359-10.3

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 IgG2b format, created for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: NKI-SAM-1

Alternative Name(s) of Target: SAM-1; SAM1; VLA-5; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; Integrin alpha-5

UniProt Accession Number of Target Protein: P08648

Published Application(s): IP, FC, IHC

Published Species Reactivity: Macaque, Human

Immunogen: The original antibody was generated by immunizing BALB/C mice with U937 histiocytic lymphoma cells.

Specificity: The original antibody recognizes the 135-kDa integrin- alpha 5 monocyte-specific antigen.

Application Notes: This antibody was used for detection of CD49e expressed on human MO, MAC, or DC by flow cytometry (Ammon et al., 2000; PMID: 10929059). This antibody was used for detection of CD49e expressed on NALM-6 cells by flow cytometry (Xiao et al., 1996; PMID: 8631803).

Antibody First Published in: te Velde et al. Modulation of phenotypic and functional properties of human peripheral blood monocytes by IL-4. J Immunol. 1988 Mar 1;140(5):1548-54. [PMID:3279117](#)

Note on publication: The original 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.