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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-CD155 [CD155.16] Standard Size Ab03901-10.3

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: CD155.16

Alternative Name(s) of Target: PVR; PVS; NECL-5; Poliovirus receptor; Nectin-like protein 5

UniProt Accession Number of Target Protein: P15151

Published Application(s): FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing KAC mice (KAC mouse is a genetically engineered mouse strain that expresses BAP -Biotin Accepting Peptide, sequence on constant part of kappa chain) subcutaneously with CD155-Fc fusion protein.

Specificity: This antibody binds human CD155 also called the poliovirus receptor (PVR). The binding of this antibody does not block binding of TIGIT to CD155/PVR. This protein mediates NK cell adhesion and triggers NK cell function. It also binds two NK cell receptors CD96 and CD226. CD155 is gaining more interest as a therapeutic target in the field of tumor immunology due to its prominent endogenous and immune functions.

Application Notes: This antibody was used to identify CD155 expression on U-87 MG and U-87 MG PVRhi cell lines using flow cytometry. This antibody was used in the generation of anti-CD155 -saporin and anti-CD155-diphtheria immunotoxins and were tested for its antitumor activity. Cytotoxic effect was determined by ToxiLight kit. The results suggested that the immunotoxins were successful in killing CD155 expressing tumor cells.(WO2019102456).

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.