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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-TIGIT [MT251] Ab03506-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

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

Clone Number: MT251

Alternative Name(s) of Target: VSTM3; VSIG9; WUCAM; T-cell immunoreceptor with Ig and ITIM domains; V-set and immunoglobulin domain-containing protein 9; V-set and transmembrane domain-containing protein 3

UniProt Accession Number of Target Protein: Q495A1

Published Application(s): Blocking, FACS, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing BALB/c mice with recombinant human TIGIT protein.

Specificity: The original antibody is specific for TIGIT. The antibody does not cross-react with LAG-3, PD-1 and PD-L1.

Application Notes: The original mouse antibody was subjected to humanized modification, keeping a similar binding activity. The specificity of the original and the humanized format of the antibody was confirmed by ELISA analysis (EC50= 0.09901 µg/mL and 0.07412 µg/mL respectively). The original format of antibody blocked the binding activity of TIGIT and CD155. The original format and the humanized version of the antibody could recognize the TIGIT antigen expressed by Jurkat/TIGIT cells by FACS analysis. The original format of the antibody was able to effectively block the binding of TIGIT to CD155 (CN112794909).

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

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In:

PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.