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- Mindermengenzuschlag
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Data Sheet

Anti-TIGIT Inhibitor Antibody

Recombinant, Human Monoclonal
Catalog #: 71218
Lot #: 170808 **Conc.:** 0.86 mg/ml

Host Species | Isotype:
 Human | IgG1

Formulation: 8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

Stability: Stable for at least 12 months at -80°C. Avoid freeze/thaw cycles. Store diluted antibody with carrier protein (BSA 0.1 – 0.5%) at 4°C, stable for 2 weeks.

References:

1. Yu, X., et al., *Nat. Immunol.* 2009; **10(1)**: 48-57.
2. Stanietsky, N., et al., *Proc. Natl. Acad. Sci. (USA)*. 2009; **106(42)**: 17858-17863.

Description: Recombinant human TIGIT inhibitor antibody recognizing an epitope that prevents TIGIT interaction with CD155 on immune cells.

IC50: 1.1 nM for inhibition of TIGIT binding to CD155 in TIGIT:CD155 binding assay (BPS Cat. #72029)

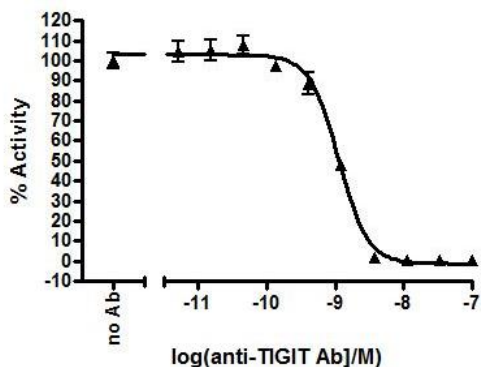
Assay Conditions: Assays done according to protocols from TIGIT:CD155 homogenous assays (72029). CD155-his was mixed with various concentrations of the anti-TIGIT mAbs (0-100 nM) and TIGIT-biotin for 1h at RT. Then Strep donor (1:125) and Ni acceptor beads (1:250) were added for 1h. Plate read on the TECAN machine with alphaLISA method.

Purification: Protein A affinity chromatography from HEK293 supernatants.

Application: Useful for the inhibition of TIGIT:CD155 and TIGIT:CD112 interactions in biochemical assays. For neutralizing TIGIT in cellular assays, we recommend BPS Cat. #71340.

Quality Assurance

TIGIT: CD155 Binding Assay



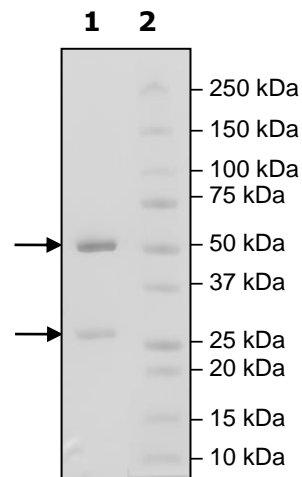
**4-20% SDS-PAGE
 Coomassie staining**

Lane 1:
 6µg Anti-TIGIT

Lane 2:
 Protein Marker

MW:
 Heavy chain 51 kDa
 Light chain 27 kDa

Purity: ≥90%



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