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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TNFSF13B recombinant monoclonal antibody, clone Tabalumab

Catalog Number: RAB01137

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human CD257.

Clone Name: TNFSF13B

Immunogen: Original antibody is raised against by immunizing human immunoglobulin transgenic mice with soluble human BAFF (amino acids 133–285). Eight mice producing serum antibody titers to human BAFF were injected intravenously with 10 µg human BAFF in phosphate buffered saline. The spleen was harvested 3 days later from each mouse and fused with myeloma cells. 20 Hybridomas were tested for specific binding to human BAFF and to make sure they were expressing human immunoglobulin heavy and light chains by enzyme-linked immunosorbent assay (ELISA). The hybridoma producing the antibody that eventually became tabalumab was a human IgG1 isotype. The antibody was then engineered to a human IgG4 isotype for complete neutralization of BAFF without depletion of BAFF-expressing cells.

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Tabalumab neutralises soluble and membrane-bound BAFF, inhibiting BAFF binding to BR3, TACI and BCMA.

Form: Liquid

Purification: Protein A affinity purification

Isotype: IgG, Kappa

Recommend Usage: Immunofluorescence
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS with 0.02% Proclin 300

Storage Instruction: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Entrez GeneID: 10673

Gene Symbol: TNFSF13B

Gene Alias: BAFF, BLYS, CD257, DTL, TALL-1, TALL1, THANK, TNFSF20, ZTNF4

Gene Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. [provided by RefSeq]