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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD257 (BAFF) [H1104-30] Standard Size Ab03781-10.3

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: H1104-30

Alternative Name(s) of Target: BLYS; TNFSF13B; TALL-1; TNFSF20; ZTNF4; Tumor necrosis factor ligand superfamily member 13B; B lymphocyte stimulator; B-cell-activating factor; Dendritic cell-derived TNF-like molecule; TNF and APOL-related leukocyte expressed ligand 1

UniProt Accession Number of Target Protein: Q9Y275

Published Application(s): Block, ELISA

Published Species Reactivity: Human, Cynomolgus Monkey, Mouse

Immunogen: The original antibody was generated by immunizing BALB/c mice with purified His tagged human BAFF protein.

Specificity: This antibody binds human BAFF protein and cross reacts with cynomolgus monkey BAFF protein and weakly reacts with mouse BLYS. B-cell-activating factor (BAFF/CD257) is a cytokine belonging to the tumour-necrosis factor (TNF) family. This cytokine binds to TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFF-R. BAFF is a survival factor for B cells that controls B-cell maturation. It is also involved in the stimulation of B- and T-cell function and the regulation of humoral immunity.

Application Notes: The binding affinity of the IgG version of this antibody for human BLYS-His protein was reported to be $K_d = 0.3023$ nM. The binding reactivity of this antibody for human, mouse and cynomolgus monkey BLYS protein was done using ELISA. This antibody does not show any cross reactivity with other members of the TNF family. In vitro, this antibody can block the binding between BLYS and its receptor and also inhibits the proliferation of mouse splenocytes stimulated by BLYS (WO2014139425).

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.