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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-CD257 (BAFF) [NMB04] Bulk Size Ab03780-10.3-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 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: NMB04

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): in vivo, inhibit, Block

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 mouse and cynomolgus monkey BAFF protein. 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: This antibody is capable of inhibiting the Blys signaling pathway by binding to Blys to block its binding to the receptor. The blocking activity of this antibody was reported to be better than Belimumab. In vitro, this antibody inhibited Blys-stimulated B cell proliferation and also inhibited Blys-stimulated mouse splenocyte proliferation. The original IgG1 version of this antibody binds BLYS with a very high binding affinity of $K_d = 7.38E-10M$. This antibody significantly inhibited human BLYS-induced activation and proliferation of splenic B cells in vivo (CN105061596).

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.