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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) [ABL-1] Standard Size Ab03779-30.11

This is an scFv fragment with a His tag.

This is a reformatted mouse scFv antibody, based on the original mouse scFv format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: scFv fragment (His), ScFv

Clone Number: ABL-1

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): WB, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice with human BAFF protein.

Specificity: This antibody binds human 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 binds recombinant human BAFF (amino acids A134-L285) with a binding affinity of $0.9 \times 10^{(-8)}$ M. This antibody does not cross react with APRIL protein. This antibody was also capable of detecting native and recombinant forms of human BAFF protein in a western blot assay (PMID: 16023370).

Antibody First Published in: Cao et al. Production and characterization of a bacterial single-chain antibody fragment specific to B-cell-activating factor of the TNF family. Protein Expr Purif. 2005 Oct;43(2):157-64. [PMID:16023370](#)

Note on publication: Describes the generation and characterization of a single chain antibody against human BAFF.

Product Form

Size:

100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.