



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-CD257 (BAFF) [5B7] Standard Size Ab03782-2.3

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 mouse IgG2a Fc Silent™ antibody, based on the original mouse IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** 5B7

**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, FC

**Published Species Reactivity:** Human, Cynomolgus Monkey, Mouse

**Immunogen:** The original antibody was isolated from a naïve human scFv phage library using multiple panning strategies including solid-phase panning with immobilized CD47 and solution-phase panning using biotinylated CD47.

**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 reacting with both soluble and membrane bound human, mouse and cynomolgus monkey BAFF/ BLyS protein. The binding ability of this antibody to membrane bound CHO-human BLyS, HEK293-mouse BLyS and CHO-cynomolgus monkey BLyS protein was determined using flow cytometry. This antibody is capable of blocking the interaction between human BAFF and BR3. This antibody was also capable of neutralizing BLyS-mediated B-cell proliferation. The binding affinity characterization of this antibody was done using SPR. It was reported that the original IgG antibody binds human and mouse BLyS with a binding affinity of  $K_d = 4 \times 10^{-10}$  M and  $K_d = 1.45 \times 10^{-11}$  M respectively (US20170101466).

**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.