

Product Information

Human BAFF/BLyS/TNFSF13B antibody

Catalog Number: IBABL0813



PRODUCT INFORMATION

Catalog number

ABL0813

Clone No.

H4-C7

Product type

Monoclonal Antibody

UnitProt No.

Q9Y275

NCBI Accession No.

NP_006564

Alternative Names

B lymphocyte stimulator, B-cell activating factor, BAFF, CD257, TALL1, THANK, ZTNF4, TNFSF13B, TNFSF20, BlyS, B lymphocyte stimulator, B lymphocyte stimulator

PRODUCT SPECIFICATION

Antibody Host

Mouse

Reacts With

Human

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human BLyS (134-285aa) purified from E. coli

Isotype

IgG3 kappa

Purification Note

By protein-G affinity chromatography

Application

ELISA, ICC/IF, FACS

Usage

The antibody has been tested by ELISA, ICC/IF and FACS analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)

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Storage

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

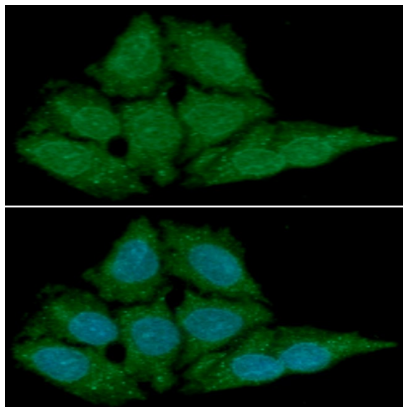
B lymphocyte stimulator (BLyS), a member of the tumor necrosis factor (TNF) superfamily of cytokines, induces B-cell proliferation and immunoglobulin secretion and is a key regulator of peripheral B-cell populations in vivo.. BLyS is made by immune-cells called monocytes and macrophages. When monocytes and macrophages are activated, BLyS is released and binds to a receptor found only on B cells.

General References

Allan SM., et al. (2005), Nat. Rev. Immunol. 5:629-40.
Michaud DS., et al. (2006), Cancer Res. 66(8):4525-30.

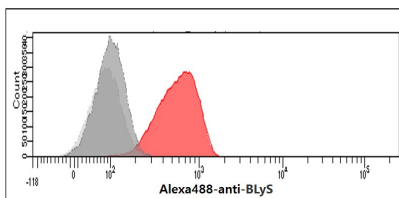
DATA

Immunofluorescence (ICC/IF)



ICC/IF analysis of BAFF/BLyS/TNFSF13B in HeLa cells. The cell was stained with ABL0813 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

Flow cytometry (FACS)



Flow cytometry analysis of BAFF/BLyS/TNFSF13B in PBMC cells. The cell was stained with ABL0813 at 2-5ug for 1×10^6 cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).

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