

Anti-BAFF Antibody (aa83-285, clone Buffy-1)

Rat Anti Human Monoclonal Antibody Catalog # ALS17595

Specification

Anti-BAFF Antibody (aa83-285, clone Buffy-1) - Product Information

Application WB, IHC-P, ICC, FC

Primary Accession
Predicted
Human
Host
Rat

Clonality Monoclonal Isotype IgG2a
Calculated MW 31223

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Dilution WB~~1:1000

IHC-P~~N/A ICC~~N/A FC~~1:10~50

Anti-BAFF Antibody (aa83-285, clone Buffy-1) - Additional Information

Gene ID 10673

Alias Symbol

Other Names

TNFSF13B

TNFSF13B, B-cell-activating factor, BAFF, ApoL related ligand TALL-1, B-lymphocyte stimulator, CD257, BLYS, Delta BAFF, Delta BAFF, TALL-1, TALL1, ZTNF4, THANK, B lymphocyte stimulator, CD257 antigen, TNFSF20

Target/Specificity

Recognizes membrane-bound human BAFF. Detects endogenous protein by FC.

Reconstitution & Storage

Gel filtration

Precautions

Anti-BAFF Antibody (aa83-285, clone Buffy-1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-BAFF Antibody (aa83-285, clone Buffy-1) - Protein Information

Name TNFSF13B

Synonyms BAFF, BLYS, TALL1, TNFSF20, ZTNF4

Function

Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T- cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor



(BAFFR/BR3) promotes the survival of mature B- cells and the B-cell response.

Cellular Location

Cell membrane; Single-pass type II membrane protein

Tissue Location

Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas. Isoform 2 is expressed in many myeloid cell lines

Anti-BAFF Antibody (aa83-285, clone Buffy-1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-BAFF Antibody (aa83-285, clone Buffy-1) - Images