

Anti-BAFF Receptor (RABBIT) Antibody - 600-401-Z20

Code: 600-401-Z20

Size: 100 µg

Product Description: Anti-BAFF Receptor (RABBIT) Antibody - 600-401-Z20

Concentration: 1 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	TNFRSF13C
Species Reactivity	Human, mouse, rat
Buffer	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.02% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	BAFF Receptor Antibody, BAFFR, CD268, CVID4, BAFF-R, BROMIX, prolixin, BAFFR, BR3, Tumor necrosis factor receptor superfamily member 13C, B-cell-activating factor receptor
Application Note	Anti-BAFF Receptor Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 19 kDa in Western Blots of specific cell lysates and tissues.
Background	Members in the TNF superfamily regulate immune responses and induce apoptosis. A novel member in the TNF family was recently identified by several groups and designated BAFF, BLYS, TALL-1, THANK, and zTNF4. BAFF/BLYS was characterized as a B cell activator since it induced B cell proliferation and immunoglobulin secretion. Two receptors, TACI and BCMA, for BAFF were originally identified. A third receptor was identified recently and designated BAFF-R and BR3 for BLYS receptor 3. Unlike BCMA and TACI, which bind to BAFF and April, BAFF-R/BR3 is specific for BAFF and plays a predominant role in BAFF induced B cell development and survival. BAFF and its receptors are involved in B cell associated autoimmune diseases, and activate NF-κB and c-jun N-terminal kinase.
Purity And Specificity	Anti-BAFF Receptor Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with BAFF Receptor from other sources has not been determined.
Assay Dilutions	Immunocytochemistry: 1 g/mL
ELISA	1:10,000
Western Blot	1 µg/mL
Other Assays	Immunocytochemistry: 1 g/mL
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Anti-BAFF Receptor antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids near the C-terminus of human BAFF Receptor The peptide sequence is identical between human and mouse origin.

Related Products

200-301-401	Anti-AKT (MOUSE) Monoclonal Antibody - 200-301-401
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50
MB-070	Blocking Buffer for Fluorescent Western Blotting - MB-070

Related Links

UniProtKB - Q96RJ3

<http://www.uniprot.org/uniprot/Q96RJ3>

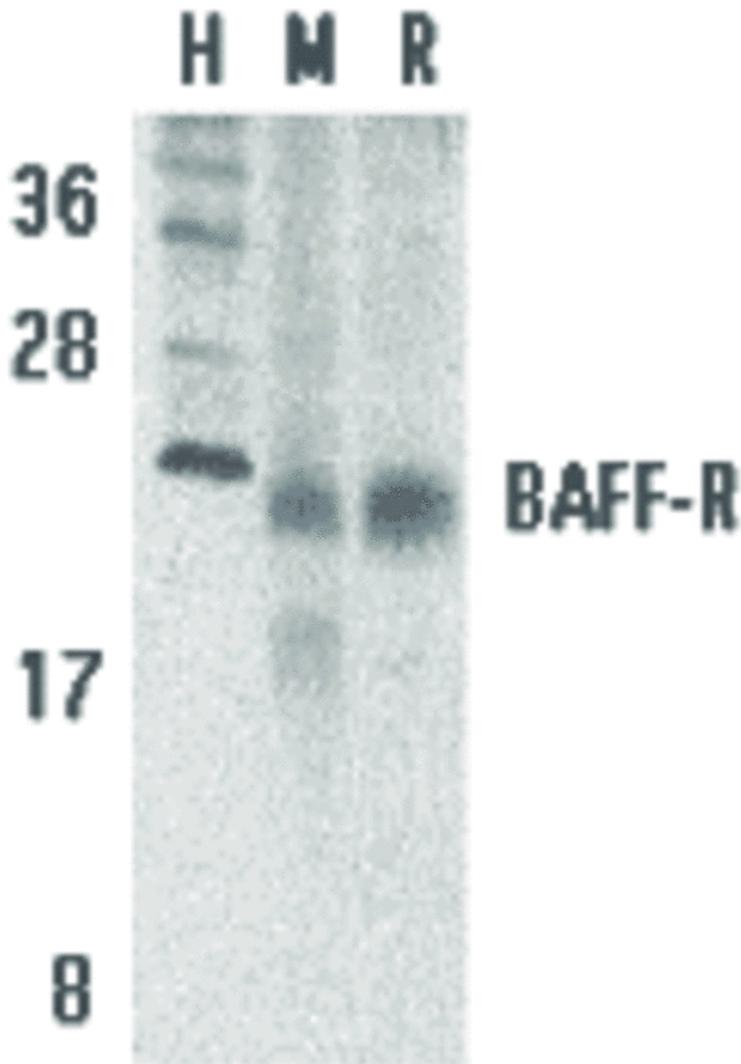
GeneID - 115650 <http://www.ncbi.nlm.nih.gov/gene/115650>

NCBI - AAK91826

Images

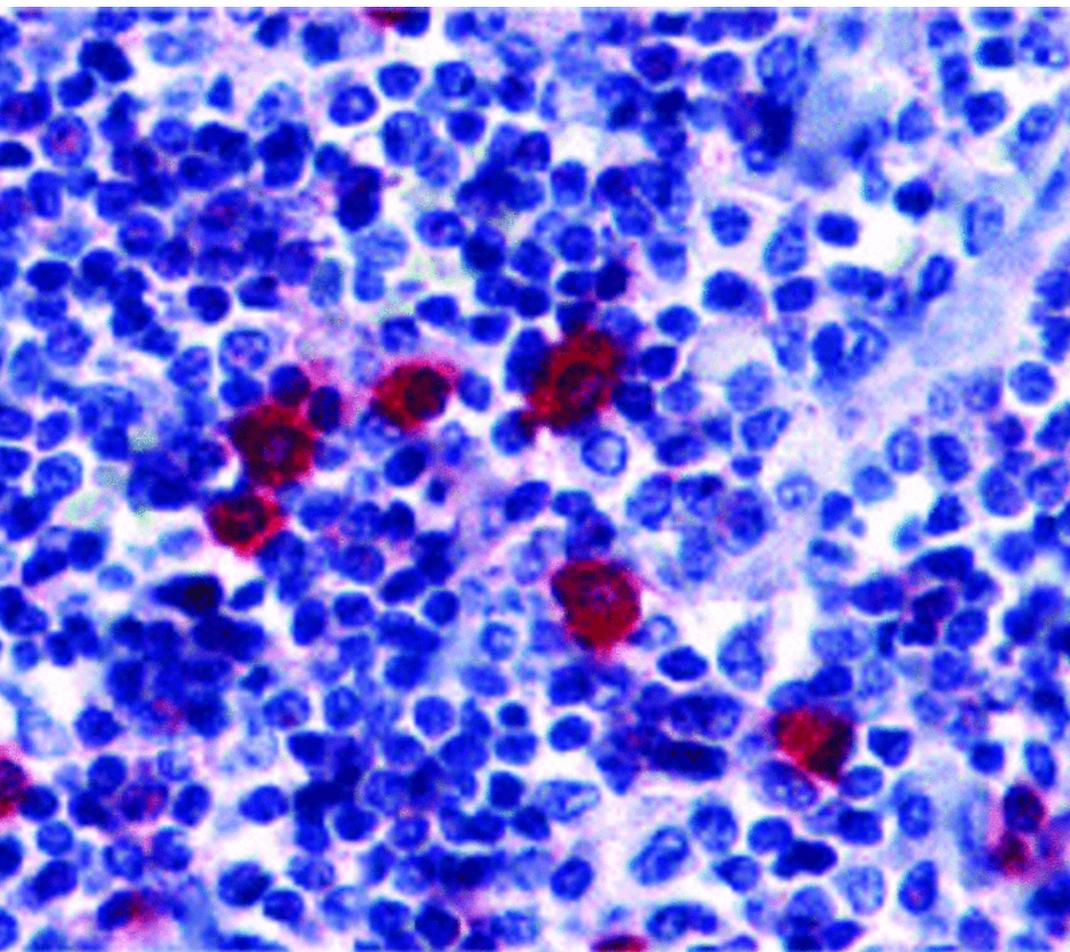
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Western Blot of BAFF Receptor antibody. Lane H: human spleen tissue lysates. Lane M: mouse spleen tissue lysates. Lane R: rat spleen tissue lysates. Load: 5 μ g per lane. Primary antibody: BAFF Receptor antibody at 1:400 for overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 19 kDa, 21 kDa for BAFF Receptor. Other band(s): BAFF Receptor splice variants and isoforms.



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Immunohistochemistry of BAFF Receptor antibody. Tissue: human tonsil tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: BAFF Receptor antibody at 5 μ g/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: BAFF Receptor is located in the cell membrane. Staining: BAFF Receptor is stained with hematoxylin purple nuclear counterstain.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.