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# BAFF Receptor Antibody
**Catalog # ASC10185**

## Specification

### BAFF Receptor Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC-P, IF, E** |
| Primary Accession | Q96RJ3 |
| Other Accession | AAK91826, 115650 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **IgG** |
| Calculated MW | **20 kDa KDa** |
| Application Notes | **BAFF Receptor antibody can be used for detection of BAFF Rexeptor by Western blot at 5 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.** |

### BAFF Receptor Antibody - Additional Information

Gene ID **115650**

**Other Names**
BAFF Receptor Antibody: BAFFR, CD268, CVID4, BAFF-R, BROMIX, prolixin, BAFFR, BR3, Tumor necrosis factor receptor superfamily member 13C, B-cell-activating factor receptor, tumor necrosis factor receptor superfamily, member 13C

**Target/Specificity**
BAFF Receptor antibody was raised against a synthetic peptide corresponding to 15 amino acids near the carboxy terminus of human BAFF Receptor The peptide sequence is identical between human and mouse origin.<br><br>The immunogen is located within the last 50 amino acids of BAFF Receptor.

**Reconstitution & Storage**
BAFF Receptor antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**
BAFF Receptor Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### BAFF Receptor Antibody - Protein Information

**Name** TNFRSF13C

**Synonyms** BAFFR, BR3

**Function**
B-cell receptor specific for TNFSF13B/TALL1/BAFF/BLyS. Promotes the survival of mature B-cells and the B-cell response.

**Cellular Location**
Membrane; Single-pass type III membrane protein

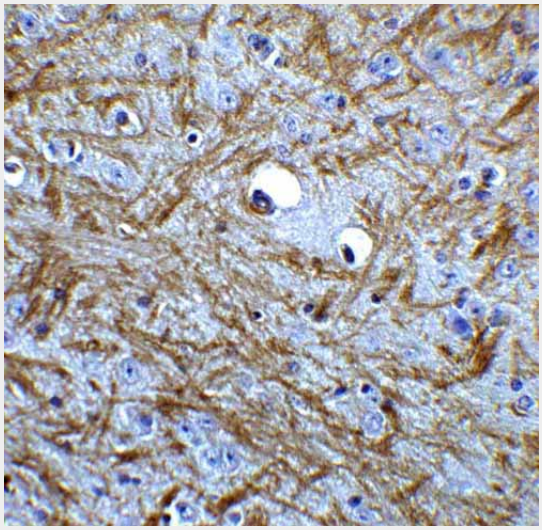
**Tissue Location**
Highly expressed in spleen and lymph node, and in resting B-cells. Detected at lower levels in activated B-cells, resting CD4+ T-cells, in thymus and peripheral blood leukocytes

## BAFF Receptor Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## BAFF Receptor Antibody - Images



Immunohistochemistry of BAG 1 in mouse brain tissue with BAG 1 Antibodyat 5 µg/mL.

## BAFF Receptor Antibody - Background

BAFF Receptor Antibody: 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.

**BAFF Receptor Antibody - References**

Moore PA, Belvedere O, Orr A, et al. BLyS: member of the tumor necrosis factor family and B lymphocyte stimulator. Science 1999;285:260-3
Schneider P, MacKay F, Steiner V, et al. BAFF, a novel ligand of the tumor necrosis factor family, stimulates B cell growth. J Exp Med 1999;189:1747-56
Shu HB, Hu WH, Johnson H. TALL-1 is a novel member of the TNF family that is down-regulated by mitogens. J Leukoc Biol 1999;65:680-3
Mukhopadhyay A, Ni J, Zhai Y, Yu GL, Aggarwal BB. Identification and characterization of a novel cytokine, THANK, a TNF homologue that activates apoptosis, nuclear factor-κB, and c-Jun NH2-terminal kinase. J Biol Chem 1999 ;274:15978-81