# BAFF Receptor Antibody

Catalog No: #24185

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## Description

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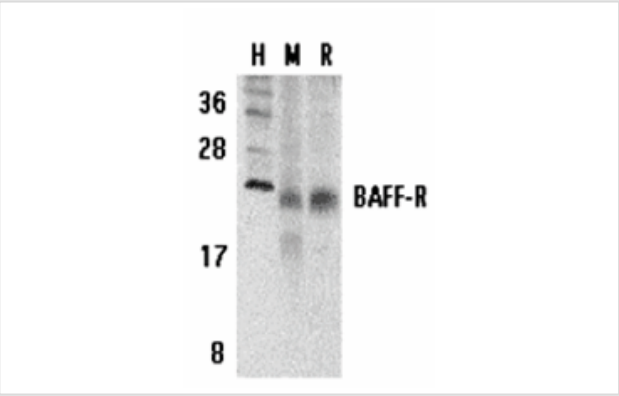
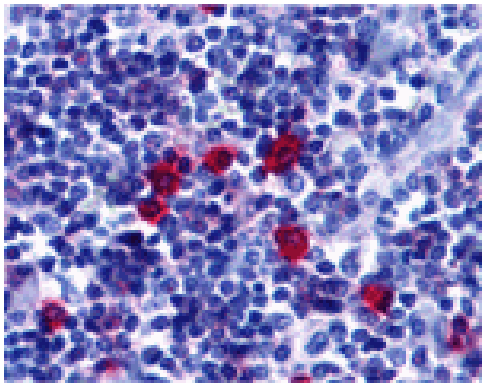
|---|---|
| Product Name | BAFF Receptor Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity chromatography purified via peptide column |
| Applications | ELISA WB IHC |
| Species Reactivity | Hu Ms Rt |
| Immunogen Type | Peptide |
| Immunogen Description | Raised against a synthetic peptide corresponding to amino acids near the carboxy terminus of human BAFF Receptor The peptide sequence is identical between human and mouse origin. |
| Target Name | BAFF Receptor |
| Other Names | BAFF-R, BR3, BLyS |
| Accession No. | Swiss-Prot:Q96RJ3Gene ID:115650 |
| Uniprot | Q96RJ3 |
| GeneID | 115650; |
| Concentration | 1mg/ml |
| Formulation | Supplied in PBS containing 0.02% sodium azide. |
| Storage | Can be stored at -20°C, stable for 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. |

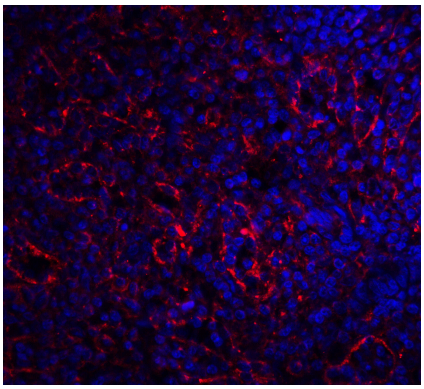
## Images




Western blot analysis of BAFF Receptor in human (H), mouse (M), and rat (R) spleen tissue lysates with BAFF Receptor antibody at 5 ug/mL.



Immunohistochemistry of BAFF Receptor in human tonsil tissue with BAFF Receptor antibody at 5 ug/mL.



Immunofluorescence of BAFF-R in human spleen tissue with BAFF-R antibody at 20 µg/ml.

## 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.

Note: This product is for in vitro research use only