

BAFF-R Polyclonal Antibody

CATALOG NO: 3578R-30T 30 μg (Trial size)

3578R-100 100 µg

HOST: Rabbit

IMMUNOGEN: Synthetic peptide surrounding amino acid 159 of mouse BAFF-R

(Internal ID# BV-C29)

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-BAFF-R polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

SPECIES REACTIVITY: Human, Mouse, Rat

STORAGE CONDITIONS:

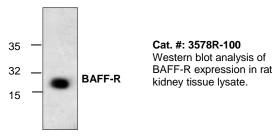
Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/defrost cycles.

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 were 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.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml) and immunohistochemistry (5 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat. # 3578RBP-50) is available separately.



FOR RESEARCH USE ONLY! Not to be used on humans.

rev. 11/16 For research use only

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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