BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-BAFF/TNFSF13B Antibody Picoband®

Catalog Number: PA1541

About TNFSF13B

BAFF was regularly detected by enzyme-linked immunosorbent assay in brain tissue lysates and in normal spinal fluid, and in astrocytes by double fluorescence microscopy. BAFF was localized in astrocytes close to BAFF-R-expressing immune cells. BAFF receptors were strongly expressed in situ in primary central nervous system (CNS) lymphomas. The TNF superfamily member B cell-activating factor (BAFF) plays an important role in humoral immunity and in autoimmune diseases, including RA.Local BAFF gene targeting inhibited proinflammatory cytokine expression, suppressed generation of plasma cells and Th17 cells, and markedly ameliorated joint pathology. The B cell activating factor BAFF (BlyS/TALL-1/zTNF4) is a tumor necrosis factor (TNF)-related ligand that promotes B cell survival and binds to three receptors (BCMA, TACI, and the recently described BAFF-R). Human BAFF was mapped to chromosome 13q32-34.4. The standard used in this kit is recombinant soluble human BAFF (A134-L295) with the molecular mass of 19.6KDa.

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Overview

Product Name	Anti-BAFF/TNFSF13B Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-BAFF/TNFSF13B Antibody catalog # PA1541. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y275

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Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human BAFF, different from the related rat and mouse sequences by three amino acids.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

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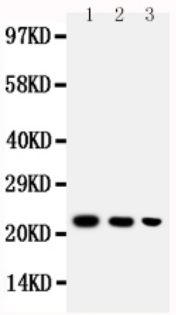
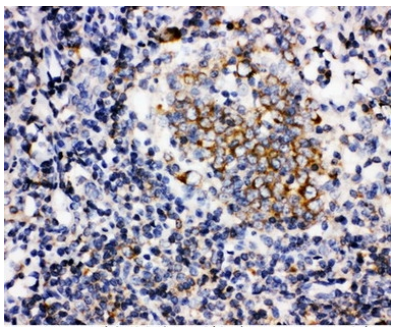
Anti-BAFF/TNFSF13B Antibody Picoband® (PA1541) Images



Anti-BAFF antibody, PA1541, Western blottingLane 1: Recombinant Human BAFF Protein 10ngLane 2: Recombinant Human BAFF Protein 5ngLane 3: Recombinant Human BAFF Protein 2.5ng



Anti-BAFF antibody, PA1541, IHC(P)IHC(P): Human Tonsil Tissue

1 Publications Citing This Product

1. PubMed ID: 30111397, Expression of B-cell activating factor in acute lymphoblastic leukemia patients

Visit bosterbio.com/anti-baff-antibody-pa1541-boster.html to see all 1 publications.

Anti-BAFF/TNFSF13B Antibody

For Research Use Only. Not for use in diagnostic procedures.