Product datasheet

Anti-BAFF/TNFSF13B Antibody

Catalog Number: *PB0553*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-BAFF/TNFSF13B Antibody
Gene Name	TNFSF13B
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human BAFF recombinant protein (Position: A134-L285). Human BAFF shares 86.1% amino acid (aa) sequence identity with mouse BAFF.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	31 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

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. The standard used in this kit is recombinant soluble human BAFF (A134-L295) with the molecular mass of 19.6KDa.

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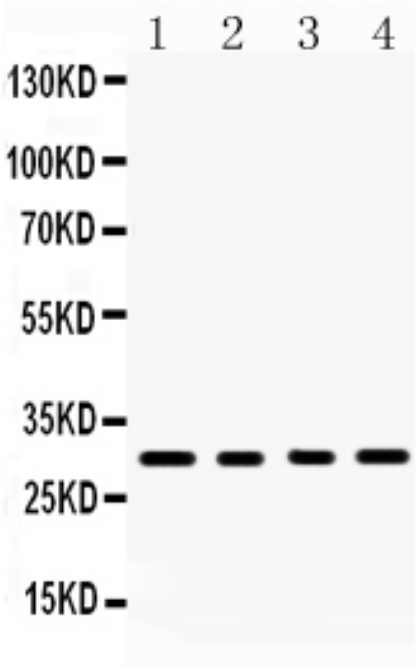
Selected Validation Data



Western blot analysis of BAFF/TNFSF13B using anti-BAFF/TNFSF13B antibody (PB0553). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: Rat Kidney tissue lysates,
Lane 2: Rat Spleen tissue lysates,
Lane 3: Mouse Spleen tissue lysates,
Lane 4: Human Placenta tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-BAFF/TNFSF13B antigen affinity purified polyclonal antibody (PB0553) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for BAFF/TNFSF13B at approximately 31 kDa. The expected band size for BAFF/TNFSF13B is at 31 kDa.