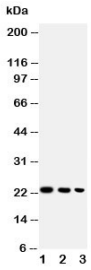
BAFF Antibody (R30618)

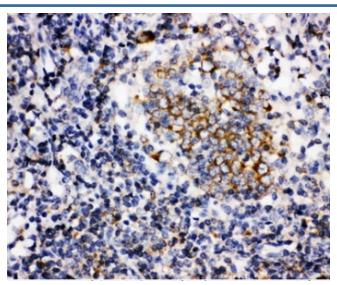
Catalog No.	Formulation	Size
R30618	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9Y275
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This BAFF antibody is available for research use only.



Western blot testing of BAFF antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng



IHC-P: BAFF antibody testing of human tonsil tissue

Description

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 BAFFR). 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. It is localized in astrocytes close to BAFFR-expressing immune cells. BAFF receptors were strongly expressed in situ in primary central nervous system (CNS) lymphomas. The protein plays an important role in humoral immunity and in autoimmune diseases, including RA. Local gene targeting inhibited proinflammatory cytokine expression, suppressed generation of plasma cells and Th17 cells, and markedly ameliorated joint pathology.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the BAFF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 265-285 (RENAQISLDGDVTFFGALKLL-human) were used as the immunogen for this BAFF antibody.

Storage

After reconstitution, the BAFF antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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