Datasheet for ABIN499401

anti-BAFF antibody (C-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	BAFF (TNFSF13B)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAFF antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	A peptide corresponding to amino acids near the carboxy terminus of Human BAFF
Isotype:	IgG
Specificity:	Recognizes BAFF
Purification:	Ion Exchange Chromatography

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	CD257 / BAFF (TNFSF13B Products)
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 (for B

Target Details

	cell Activating Factor belonging to the TNF Family), BLyS (for B Lymphocyte Stimulator), TALL-1 (for TNF- and ApoL-related Leukocyte-expressed Ligand), and THANK (for TNF Homologue that Activate Apoptosis, NF-kappaB and c-jun N-terminal Kinase) (1-4). BAFF/BLyS was characterized as a B cell activator since it induced B cell proliferation and immunoglobulin secretion (1,2). Three receptors for BAFF were recently identified and designated TACI, BCMA and BAFF-R (5,6). BAFF and its receptors are essential for B cell development, survival, and humoral immune responses. BAFF is involved in the development of autoimmune diseases including systemic lupus erythaematosus and rheumatoid arthritis (5).Synonyms: B cell-activating factor, B lymphocyte stimulator, BAFF, BLYS, Dendritic cell-derived TNF-like molecule, TALL1, TNF- and APOL-related leukocyte expressed ligand 1, TNFSF13B, TNFSF20, Tumor necrosis factor ligand superfamily member 13B, ZTNF4
Gene ID:	10673
NCBI Accession:	NP_006564
UniProt:	Q9Y275
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	ELISA. Western Blot: BAFF antibody can be used for detection of BAFF at 0.25 to 1 µg/mL. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

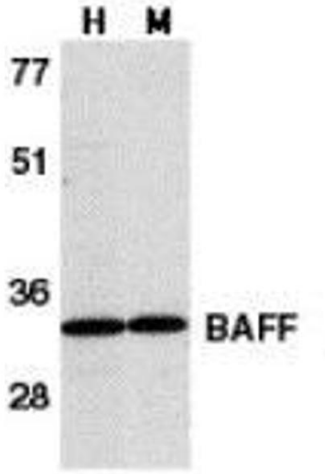
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, 0.02 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

Handling

Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Western Blotting

Image 1. Western blot analysis of BAFF in human HL60 cell lysate (H) and mouse spleen tissue lysate (M) with AP30115PU-N BAFF antibody at 1 µg/ml.

Immunofluorescence

Image 2. Immunocytochemistry of BAFF in HL60 cells with AP30115PU-N BAFF antibody at 1 µg/ml.