Datasheet for ABIN6990198

anti-BAFF antibody (C-Term)

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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), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Anti-BAFF antibody was raised against a peptide corresponding to 16 amino acids near the carboxy terminus of human BAFF. The immunogen is located within the last 50 amino acids of BAFF.
Isotype:	IgG
Purification:	BAFF Antibody is Ion exchange chromatography purified.

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	BAFF (TNFSF13B Products)
Background:	BAFF Antibody: Members in the TNF superfamily regulate immune responses and induce

Target Details

	apoptosis. A novel member in the TNF family was recently identified by several groups and designated BAFF (for B 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-κ,B and c-jun N-terminal Kinase). BAFF/BLyS was characterized as a B cell activator since it induced B cell proliferation and immunoglobulin secretion. Three receptors for BAFF were recently identified and designated TACI, BCMA and BAFF-R. 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.
Molecular Weight:	Predicted: 31kD Observed: 35 kD kDa
Gene ID:	10673
NCBI Accession:	NP_006564
UniProt:	Q9Y275
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	WB: 0.25-1 µ,g/mL, ICC: 1 µ,g/mL, IF: 20 µ,g/mL. Antibody validated: Western Blot in human, mouse and rat samples, Immunocytochemistry in human samples, Immunofluorescence in human samples, Immunohistochemistry in human and mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	BAFF Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	BAFF antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.