

Datasheet for ABIN400685

anti-BAFF antibody[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	BAFF (TNFSF13B)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAFF antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant Human BAFF(TL7) protein.
Clone:	T7-241
Isotype:	IgG1
Specificity:	Recognizes CD257/BAFF.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Characteristics:	Synonyms: TNFSF13B, BLYS, TALL1, TNFSF20, ZTNF4, Tumor necrosis factor ligand superfamily member13B, TNF- and APOL-related leukocyte expressed ligand 1, B lymphocyte stimulator, Bcell-activating factor, BAFF, Dendritic cell-derived TNF-like molecule
Purification:	Affinity Chromatography.

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	CD257 / BAFF (TNFSF13B Products)
Background:	Members of 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 cell Activating Factor belonging to the TNF Family), BLyS (for B Lymphocyte Stimulator), TALL1 (for TNF- and ApoL- related Leukocyte-expressed Ligand), and THANK (for TNF Homologue that Activate Apoptosis, NFkB and c-jun N-terminal Kinase). BAFF/BLyS was characterized as a B cell stimulator since it induced B cell proliferation and immunoglobulin secretion. Two receptors for BAFF were recently identified and designated TACI and BCMA. BAFF also signals through a third TNF receptor BAFFR/BR3. BAFF and its receptors are involved in the development of systemic lupus erythaematosus and other B cell associated autoimmune diseases. Like TNFa and TRAIL, THANK was shown to activate NF-kB and c-jun N terminal kinase (JNK) and to induce apoptosis. The human BAFF gene codes for a 285 amino acid type II transmembrane protein containing a 46 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain, and a 218 amino acid extracellular domain. 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
UniProt:	Q9Y275
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response

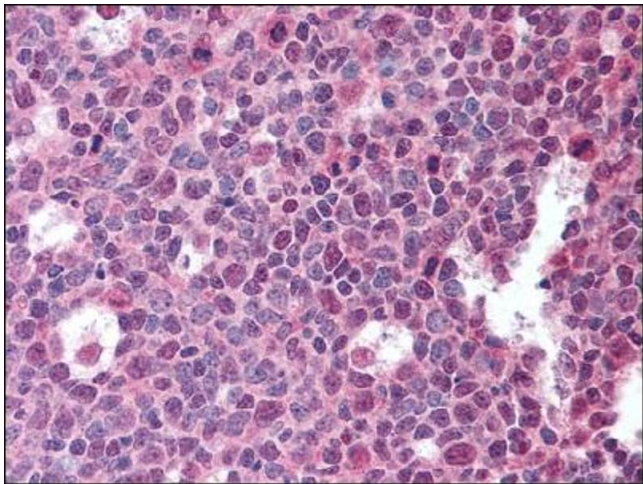
Application Details

Application Notes:	ELISA. Flow Cytometry. Immunohistochemistry on Paraffin Sections: 10 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.2 containing 0.09 % Sodium Azide as preservative.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C. DO NOT FREEZE! Shelf life: one year from despatch.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1.