

Datasheet for ABIN2470160
anti-BAFF antibody (AA 254-269)



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1 Image

Overview

Quantity:	0.05 mg
Target:	BAFF (TNFSF13B)
Binding Specificity:	AA 254-269
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAFF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	TNFSF13B antibody was raised against amino acids 254 - 269 of TNFSF13B (Human).
Isotype:	IgG
Purification:	Protein G Column

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	TNFSF13B (TNFSF13B Products)
Background:	Simultaneously four different laboratories identified a new member of the tumor necrosis factor (TNF) family. This has been named as TALL-1 , THANK (TNF homologue that activates apoptosis, nuclear factor-kappaB, and c-Jun NH2-terminal kinase , BAFF (for B cell activating factor belonging to the TNF family) and Blys (B lymphocyte stimulator). Membrane-bound BAFF

Target Details

is processed and secreted through the action of a protease whose specificity matches that of the furin family of proprotein convertases. Secreted BLyS/BAFF/THANK acts as a potent B cell growth factor. Overexpression of BLyS/BAFF in transgenic mice lead to increased numbers of mature B and effector T cells. These mice also develop autoimmune like symptoms, such as, high levels of rheumatoid factors, anti-DNA autoantibodies, etc.. Recently, two receptors for BLyS/BAFF have been identified and termed as BCMA and TACI. 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 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. BAFF and its receptors are essential for B cell development, survival, and humoral immune responses.

Gene ID: 10673

UniProt: [Q9Y275](#)

Pathways: [NF-kappaB Signaling](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: TNFSF13B antibody can be used in ELISA, Western Blot, and immunohistochemistry starting at 5 µg/mL.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 200 µL PBS containing 0.05 % BSA, 0.05 % sodium azide.

Preservative: Sodium azide

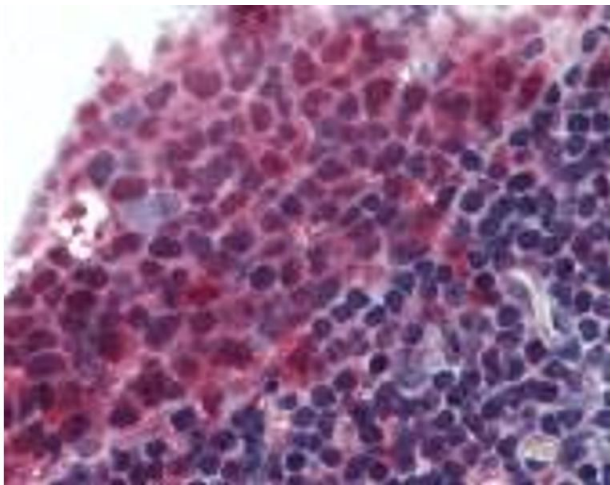
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: As with all antibodies avoid freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: TNFSF13B antibody can be stored short term 4 °C. For long term storage aliquot and store at -

20 °C.



Immunohistochemistry

Image 1.