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Product datasheet for AM08333PU-N

BAFF (TNFSF13B) Mouse Monoclonal Antibody [Clone ID: T7-241]

Product data:

Product Type:	Primary Antibodies
Clone Name:	T7-241
Applications:	ELISA, FC, IHC
Recommended Dilution:	**ELISA**. **Flow Cytometry**. **Immunohistochemistry on Paraffin Sections:** 10 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human BAFF(TL7) protein
Specificity:	This antibody ecognizes CD257/BAFF.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. **DO NOT FREEZE!**
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor superfamily member 13b
Database Link:	Entrez Gene 10673 Human Q9Y275

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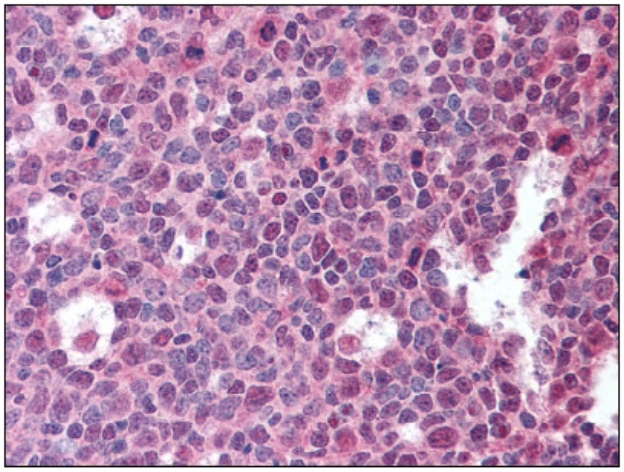
Background: Members of the TNF superfamily regulate immune responses and induce apoptosis. A novel member in the TNF family was recently identified by several groups and designated BAFF (for B cell Activating Factor belonging to the TNF Family), BLyS (for B Lymphocyte Stimulator), TALL1 (for TNF- and 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: TNFSF13B, BLYS, TALL1, TNFSF20, ZTNF4

Product images:



Tonsil: Formalin-Fixed Paraffin-Embedded (FFPE)