

Product datasheet for **AP08477PU-N**

BAFF (TNFSF13B) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot: 0.5 - 2 µg/ml.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to amino acids 254-269 (C-terminal) of Human BAFF.
Specificity:	This antibody recognizes CD257/BAFF.
Formulation:	0.2 ml PBS containing 0.05% BSA as stabilizer and 0.05% Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Entrez Gene 10673 Human Q9Y275



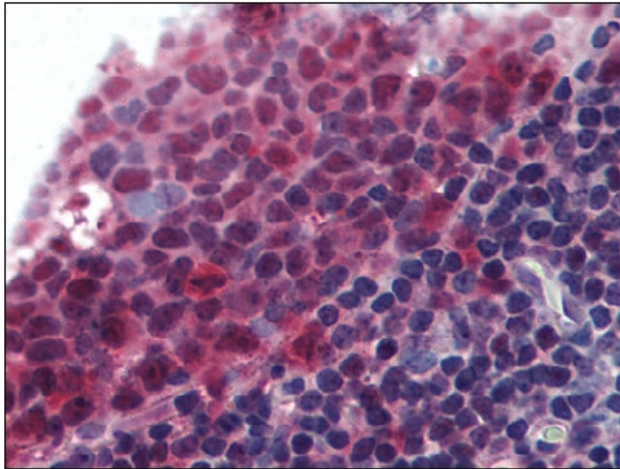
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Background:

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 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. This protein is expressed abundantly in peripheral blood lymphocytes, specifically in monocytes and macrophages. Its regulation is upregulated by interferon gamma. 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. Two receptors for BLyS/BAFF have been identified and termed as BCMA and TACI.

Synonyms:

TNFSF13B, BLYS, TALL1, TNFSF20, ZTNF4

Product images:

CD257/BAFF antibody staining of Formalin-Fixed Paraffin-Embedded Human Tonsil at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.