

Product datasheet for **SP2134P**

BAFF Receptor (TNFRSF13C) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot (2-5 µg/ml): Detects a band of approximately 20 kDa in Western blots of spleen lysates. Immunohistochemistry on Paraffin Sections: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within the C-terminus of Human CD268.
Specificity:	This antibody is specific for CD268, also known as B cell activating factor receptor (BAFF-R).
Formulation:	PBS containing 0.02% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity 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.
Gene Name:	tumor necrosis factor receptor superfamily member 13C
Database Link:	Entrez Gene 115650 Human Q96RJ3



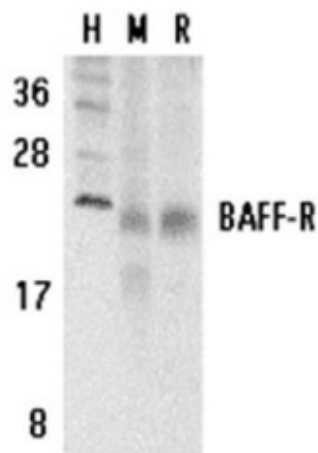
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Background:

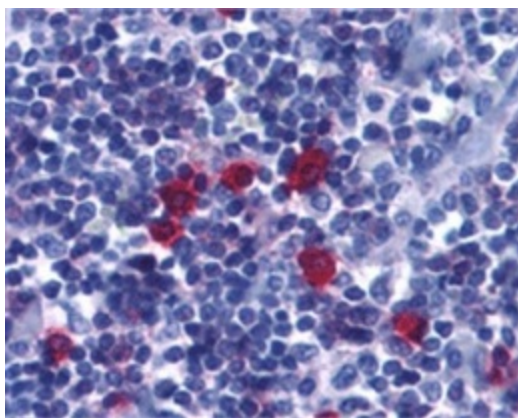
Members of the TNF superfamily regulate immune responses and induce apoptosis. BAFF-R (B cell activating factor receptor) is a 19 kD type III membrane protein. It belongs to TNFR superfamily, also known as TNFRSF member 13C (TNFRSF13C), BAFF receptor 3 (BR3), or CD268. BAFF-R is expressed on mature B cells, B cell lymphoma, and T cell subset. BAFF/BlyS was characterized as a B cell activator since it induced B cell proliferation and immunoglobulin secretion. Two receptors, TACI and BCMA, for BAFF were originally identified. A third receptor was identified recently and designated BAFF-R and BR3 for BlyS receptor 3. Unlike BCMA and TACI, which bind to BAFF and April, BAFF-R/BR3 is specific for BAFF and plays a predominant role in BAFF induced B cell development and survival. BAFF and its receptors are involved in B cell associated autoimmune diseases, and activate NF-kappaB and c-jun N terminal kinase.

Synonyms:

BAFF receptor, BlyS receptor 3, TNFRSF13C, BR3, BAFF-R

Product images:


Western blot analysis of human (H), mouse (M) and rat (R) spleen lysates probed with Rabbit anti Human CD286



Immunohistochemical staining of human tonsil with Rabbit anti CD286