

**Anti-CD257 / BAFF / TNFSF13B Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # AH13091****Specification**

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**Anti-CD257 / BAFF / TNFSF13B Antibody - Product Information**

Application	IF, FC
Primary Accession	<a href="#">O9Y275</a>
Other Accession	<a href="#">525157</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1
Calculated MW	31223

**Anti-CD257 / BAFF / TNFSF13B Antibody - Additional Information****Gene ID** 10673**Other Names**

ApoL related ligand TALL 1; B lymphocyte stimulator; B-cell-activating factor; BAFF; BLYS; CD257; Dendritic cell-derived TNF-like molecule; DTL; PRO738; TALL-1; THANK; TNFSF13B; TNFSF20; Tumor necrosis factor ligand superfamily member 13b; Tumor necrosis factor ligand superfamily member 20; ZTNF4

**Application Note**

IF~~1:50~200  
FC~~1:10~50

**Format**

200ug/ml of Ab purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

Anti-CD257 / BAFF / TNFSF13B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CD257 / BAFF / TNFSF13B Antibody - Protein Information****Name** TNFSF13B**Synonyms** BAFF, BLYS, TALL1, TNFSF20, ZTNF4**Function**

Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2

receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T- cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B- cells and the B-cell response.

**Cellular Location**

Cell membrane; Single-pass type II membrane protein

**Tissue Location**

Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas. Isoform 2 is expressed in many myeloid cell lines

**Anti-CD257 / BAFF / TNFSF13B Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CD257 / BAFF / TNFSF13B Antibody - Images****Anti-CD257 / BAFF / TNFSF13B Antibody - Background**

BAFF/CD257 is a type II transmembrane protein, and a member of the tumor necrosis factor ligand superfamily. It is proteolytically cleaved to form a soluble protein. BAFF, like other TNF ligand family members, forms homo-trimers. The predicted molecular weight of a BAFF monomer is approximately 31kDa. It is expressed on peripheral blood B and T lymphocytes, monocytes, macrophages, and dendritic cells and is upregulated by IFN- $\gamma$  and down-regulated by PMA/ionomycin treatment. BAFF stimulates B and T cell immunity and regulates humoral immunity by binding TACI and BCMA receptors; BAFF prevents apoptosis and promotes B cell survival by binding the BAFF-specific receptor (BAFFR/BR3).