

# **BAFF Antibody / BLyS [clone C257/1638] (V3216)**

Catalog No.	Formulation	Size
V3216-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3216-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3216SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

# **Bulk quote request**

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	C257/1638
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	Q9Y275
Localization	Cell surface, cytoplasmic
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) :
Limitations	This BAFF antibody is available for research use only.



## **Description**

BAFF/BLyS/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-? 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).

## **Application Notes**

Titering of the BAFF antibody may be required for optimal performance.

#### **Immunogen**

Recombinant human BAFF protein was used as the immunogen for this BAFF antibody.

### **Storage**

BAFF antibody with azide can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.