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
Host	Mouse
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-Î³ 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.

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