Datasheet for ABIN6158293

anti-BAFF antibody (CF®568)

Go to Product page

Overview

Quantity:	100 µL
Target:	BAFF (TNFSF13B)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAFF antibody is conjugated to CF®568
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Mouse Monoclonal anti-CD257 / BAFF / TNFSF13B (C257/1638), CF568 Conjugate
Immunogen:	Purified recombinant human full-length CD257 protein
Clone:	C257-1638
Isotype:	IgG1
Characteristics:	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 31 kDa. 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). Primary antibodies are available

Product Details

	purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	CD257 / BAFF / TNFSF13B (TNFSF13B Products)
Molecular Weight:	31 kDa (Monomer)
Gene ID:	10673, 525157
UniProt:	Q9Y275
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Immunofluorescence 1-2 µg/mL • Flow Cytometry 0.5-1 µg/million cells/0.1 mL • Optimal dilution for a specific application should be determined by user
Comment:	Jurkat cells. Tonsil and lymph node
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from light