Datasheet for ABIN1344236

TNFRSF13C Protein (AA 2-71) (Fc Tag)

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Overview

Quantity:	50 µg
Target:	TNFRSF13C
Protein Characteristics:	AA 2-71
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF13C protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	BAFF-R (human):Fc (human) (rec.)
Specificity:	Binds to human and mouse BAFF.
Cross-Reactivity:	Human, Mouse
Characteristics:	The extracellular domain of human BAFF-R (aa 2-71) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test).
Biological Activity Comment:	Inhibits BAFF activity. Detection of membrane-bound human and mouse BAFF in combination with PAb to human IgG1.

Target Details

Target:	TNFRSF13C
Alternative Name:	BAFF-R (TNFRSF13C Products)
Background:	TNFRSF 13C, Tumor Necrosis Factor Receptor Superfamily Member 13C, BR3, BlySR3, CD268, BAFF Receptor BAFF is mainly produced by innate immune cells such as neutrophils, monocytes, macrophages, dendritic cells, follicular dendritic cells. T cells, activated B cells, some malignant B cells and also non-lymphoid cells like astrocytes, synoviocytes and epithelial cells can also produce BAFF. BAFF binds three distinct receptors (BAFF-R, TACI and BCMA) expressed predominantly on B cells, although activated T cells also express BAFF-R. BAFF is a master regulator of peripheral B cell survival, and together with IL-6, promotes Ig class-switching and plasma cell differentiation . Besides its major role in B cell biology, BAFF co-stimulates activated T cells. Deregulated expression of BAFF leads to autoimmune disorders in mice. In humans, elevated levels of soluble BAFF have been detected in the serum of patients with various autoimmune diseases, such as Sjögren's syndrome , Rheumatoid Arthritis (RA) , Multiple sclerosis (MS) and Systemic Lupus Erythematosus (SLE) . BAFF is also increased levels in some lymphoid cancers.
Molecular Weight:	~40kDa (SDS-PAGE)
UniProt:	Q96RJ3
Pathways:	NF-kappaB Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile water.
Concentration:	1 mg/mL
Buffer:	Contains PBS.
Handling Advice:	After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1 % BSA should be

Handling

	used for further dilutions.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Expiry Date:	6 months