antibodies

Datasheet for ABIN1344293 BAFF Protein (AA 127-309, Soluble) (DYKDDDDK Tag)

Publication



Overview

Quantity:	10 µg
Target:	BAFF (TNFSF13B)
Protein Characteristics:	Soluble, AA 127-309
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAFF protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

Product Details

Specificity:	Binds to human and mouse BAFF-R, TACI and BCMA.
Cross-Reactivity:	Human, Mouse (Murine)
Characteristics:	Mouse BAFF (aa 127-309) is fused at the N-terminus to a FLAG®-tag.
Purity:	>90 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	BAFF (TNFSF13B)
Alternative Name:	BAFF (TNFSF13B Products)
Background:	BAFF is mainly produced by innate immune cells such as neutrophils, monocytes,

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	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 Sjoegren syndrome, Rheumatoid arthritis (RA), Multiple sclerosis
	(MS) and Systemic Lupus Erythematosus (SLE). BAFF has also increased levels in some
	lymphoid cancers.
Molecular Weight:	~26kDa (SDS-PAGE)
UniProt:	Q9WU72
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstitute with 100 µL sterile water.
Concentration:	Lot specific
Buffer:	Lyophilized. Contains PBS.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C
	Long Term Storage: -20°C
	Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months

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Atsriku, Hoffmann, Moghaddam, Kumar, Surapaneni: "In vitro metabolism of a novel JNK inhibitor tanzisertib: interspecies differences in oxido-reduction and characterization of enzymes involved in metabolism." in: **Xenobiotica; the fate of foreign compounds in biological systems**, Vol. 45, Issue 6, pp. 465-80, (2015) (PubMed).