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Datasheet for ABIN7320967 CD276 Protein (CD276) (Fc Tag)

Image



Overview

Quantity:	50 µg
Target:	CD276
Origin:	Cynomolgus
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD276 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Cynomolgus B7-H3/CD276 Protein (Fc Tag)
Sequence:	Leu29-Glu465
Characteristics:	Recombinant Cynomolgus CD276 Molecule is produced by our Mammalian expression system and the target gene encoding Leu29-Glu465 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.

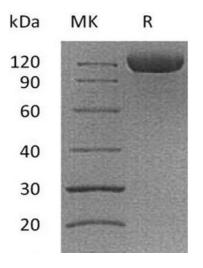
Target Details

Target:	CD276
Alternative Name:	B7-H3/CD276 (CD276 Products)
Background:	Background: CD276, also known as B7-H3, is a member of the B7 superfamily with signature IgV and IgG regions in extracellular domains. It is a type I transmembrane protein and shares
	20-27 % amino acid identity with other B7 family members. B7-H3 is involved in the activation

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	of T lymphocytes, and regulates murine bone formation. It is also reported that B7-H3 may play
	an important role in muscle-immune interactions, providing further evidence of the active role
	of muscle cells in local immunoregulatory processes. B7-H3 is expressed on T-cells, natural
	killer cells, and antigen presenting cells, as well as some non-immune cells, such as
	osteoblasts, fibroblasts, fibroblast-like synoviocytes and epithelial cells. High expression of B7-
	H3 in tumor vasculature also correlates with poor survival in patients, suggesting that it may
	play a role in tumor cell migration.
	Synonym: CD276 antigen, CD276, B7 homolog 3, B7-H3,CD276
Molecular Weight:	74 kDa
NCBI Accession:	XP_015308534
Pathways:	Cancer Immune Checkpoints
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.

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