Datasheet for ABIN6938824

CD276 Protein (CD276) (AA 29-465) (His tag)

2 Images

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Overview

Quantity:	100 µg
Target:	CD276
Protein Characteristics:	AA 29-465
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD276 protein is labelled with His tag.

Product Details

Sequence:	AA 29-465
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD276
Alternative Name:	B7-H3 (CD276 Products)
Background:	B7 homolog 3 (B7-H3), a member of the immunoglobulin superfamily, is also known CD276, which contains two Ig-like C2-type (immunoglobulin-like) domains and two Ig-like V-type (immunoglobulin-like) domains. B7-H3 may participate in the regulation of T-cell-mediated immune response. B7-H3 also plays a protective role in tumor cells by inhibiting natural-killer

Target Details

	mediated cell lysis as well as a role of marker for detection of neuroblastoma cells. Furthermore, B7-H3 is involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces. It could also play a key role in providing the placenta and fetus with a suitable immunological environment throughout pregnancy.
Molecular Weight:	49.0 kDa
NCBI Accession:	XP_015308534
Pathways:	Cancer Immune Checkpoints

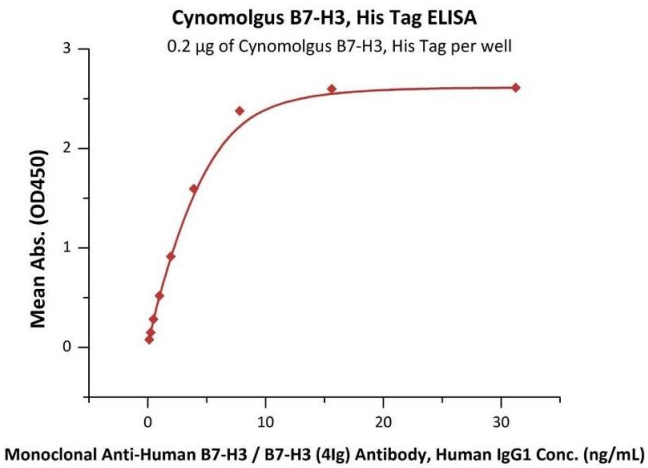
Application Details

Restrictions:	For Research Use only

Handling

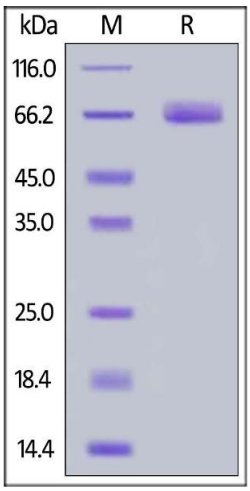
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Cynomolgus B7-H3, His Tag (ABIN6923172,ABIN6938824) at 2 μg/mL (100 μL/well) can bind Monoclonal A B7-H3 / B7-H3 (4Ig) Antibody, Human IgG1 with a linear range of 0.1-4 ng/mL (QC tested).



SDS-PAGE

Image 2. Cynomolgus B7-H3, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .