

Datasheet for ABIN7092853  
**CD276 Protein (CD276) (AA 29-244) (Fc Tag)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µg
Target:	CD276
Protein Characteristics:	AA 29-244
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD276 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant mouse B7-H3 protein with C-terminal human Fc tag
Specificity:	Mouse B7-H3 (Val29-Phe244) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD276
Alternative Name:	B7-H3 ( <a href="#">CD276 Products</a> )
Background:	Modulates T-cell-mediated immune responses and the development of acute and chronic

## Target Details

---

transplant rejection. Plays a positive regulatory role in bone formation and has a dual role in the bone-immune interface. Induces antitumor immunity as it activates both acquired and innate immunity leading to natural killer cell and CD8 T-cell dependent killing of tumor cells.[UniProtKB/Swiss-Prot Function]

---

Molecular Weight: predicted molecular mass of 28.7 kDa after removal of the signal peptide.The apparent molecular mass of mB7-H3-hFc is 55-70 kDa due to glycosylation.

---

UniProt: [Q8VE98](#)

---

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

---

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

---

Storage: -20 °C,-80 °C

---

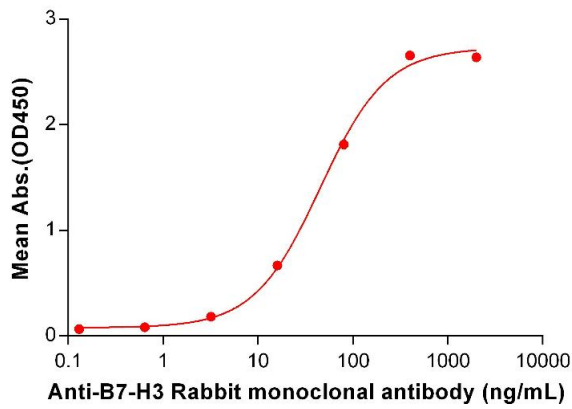
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

---

Expiry Date: 12 months

### Mouse B7-H3,hFc tagged protein ELISA

0.1 µg of Mouse B7-H3, hFc tagged protein per well



### ELISA

**Image 1.** ELISA plate pre-coated by 1 µg/mL (100 µL/well) Mouse B7-H3 Protein, hFc Tag (ABIN7092853, ABIN7272472 and ABIN7272473) can bind anti-B7-H3 monoclonal antibody ABIN6964053, ABIN7272678 and ABIN7289667 in a linear range of 3.2-400 ng/mL.

### SDS-PAGE

**Image 2.** Mouse B7-H3 Protein, hFc Tag on SDS-PAGE under reducing condition.