

For Research Use Only

# Anti-Mouse B7-H3/CD276 (MJ18)

Catalog Number: 65221-1-Ig



## Basic Information

<b>Catalog Number:</b> 65221-1-Ig	<b>GenBank Accession Number:</b> BC019436	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, 0.5 mg/mL	<b>GeneID (NCBI):</b> 102657	<b>CloneNo.:</b> MJ18
<b>Source:</b> Rat	<b>UNIPROT ID:</b> Q8VE98	
<b>Isotype:</b> IgG1, kappa	<b>Full Name:</b> CD276 antigen	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Mouse

## Background Information

CD276 (also known as B7-H3) is a type I transmembrane protein expressed on many tissues and cell types. CD276 is a 100-kDa glycoprotein that belongs to the B7 immunoregulatory family and participates in the regulation of T-cell-mediated immune response probably by functioning as both a T cell costimulator and coinhibitor (PMID: 25567370; 20696859). Overexpressed on a wide range of human solid cancers, CD276 has been implicated in cancer progression and metastasis and becomes an attractive target for cancer immunotherapy (PMID: 27208063).

## Storage

**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

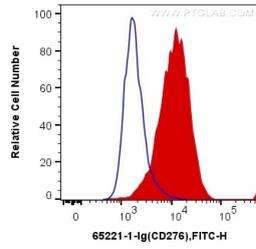
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> mouse peritoneal macrophages were surface stained with 1 ug Anti-Mouse CD276 (65221-1-Ig, Clone: MJ18) and FITC anti-rat IgG1 Antibody at dilution 1:100 (red), or unstained (blue). Cells were not fixed.