

For Research Use Only

Anti-Mouse B7-H3/CD276 (MJ18), PBS Only

Catalog Number: 65221-1-PBS



Basic Information

Catalog Number:

65221-1-PBS

Size:

100ug, 2 mg/ml

Source:

Rat

Isotype:

IgG1, kappa

GenBank Accession Number:

BC019436

GeneID (NCBI):

102657

UNIPROT ID:

Q8VE98

Full Name:

CD276 antigen

Purification Method:

Protein G purification

CloneNo.:

MJ18

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 -80°C.

Storage Buffer:

PBS Only

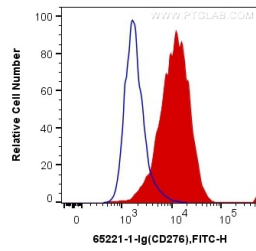
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Selected Validation Data



1X10⁶ 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. This data was developed using the same antibody clone with 65221-1-PBS in a different storage buffer formulation.