

For Research Use Only

# CoraLite® Plus 488 Anti-Mouse B7-H3/CD276 (MJ18)

Catalog Number: CL488-65221



## Basic Information

Catalog Number:

CL488-65221

Size:

100ug, 500 ug/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

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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

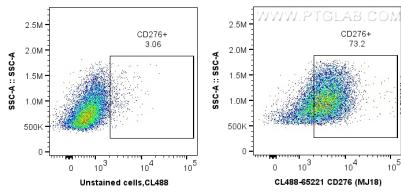
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> mouse peritoneal macrophages were surface stained with 0.5 ug CoraLite® Plus 488 Anti-Mouse CD276 (CL488-65221, Clone: MJ18) or unstained. Cells were not fixed.