

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD276 (MJ18)



Catalog Number: **CL488-65221**

Basic Information

Catalog Number: CL488-65221	GenBank Accession Number: BC019436	Purification Method: Protein G purification
Size: 100ug , 500 µg/ml	GeneID (NCBI): 102657	CloneNo.: MJ18
Source: Rat	Full Name: CD276 antigen	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1		

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

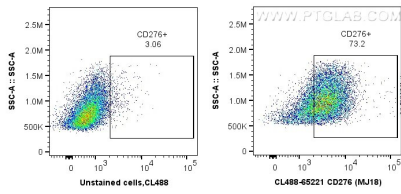
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ 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.