

For Research Use Only

CoraLite®594 Anti-Mouse B7-H3/CD276 (MJ18)

Catalog Number:CL594-65221



Basic Information

Catalog Number:
CL594-65221

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:
588 nm / 604 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:

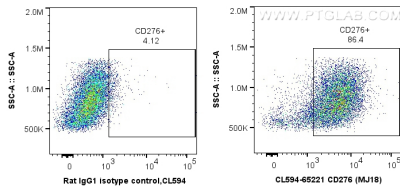
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ BALB/C mouse peritoneal macrophages were surface stained with 0.5 ug Coralite@594 Anti-Mouse CD276 (CL594-65221, Clone: MJ18), or 0.5 ug Coralite@594 Rat IgG1 Isotype Control (HRPN) (CL594-65212, Clone: HRPN). Cells were not fixed.