

For Research Use Only

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

Catalog Number:CL594-65221



Basic Information

Catalog Number:

CL594-65221

Size:

100ug, 0.5 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

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.

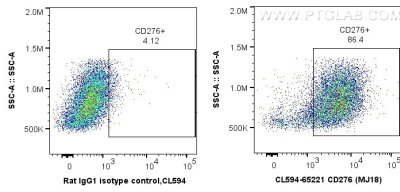
For technical support and original validation data for this product please contact:

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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.