

For Research Use Only

CoraLite®594-conjugated B7-H3 Monoclonal antibody



Catalog Number:CL594-66481

Basic Information

Catalog Number: CL594-66481	GenBank Accession Number: BC062581	Purification Method: Protein A purification
Size: 100UL, Concentration: 2400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 80381	CloneNo.: 1E7D1
Source: Mouse	Full Name: CD276 molecule	Recommended Dilutions: IF 1:200-1:800
Isotype: IgG2a	Calculated MW: 57 kDa	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Immunogen Catalog Number: AG6006	Observed MW: 100 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : human tonsillitis tissue,
Species Specificity: Human, Pig	

Background Information

B7-H3 (CD276) is a type I transmembrane protein expressed on many tissues and cell types. B7-H3 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, B7-H3 has been implicated in cancer progression and metastasis and becomes an attractive target for cancer immunotherapy (PMID: 27208063).

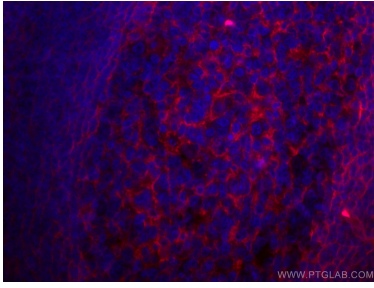
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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
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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



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594-conjugated B7-H3 antibody (CL594-66481, Clone: 1E7D1) at dilution of 1:400.