

CoraLite® Plus 647 Anti-Human CD73 (AD2)

Catalog Number: **CL647-65162**

Basic Information

Catalog Number: CL647-65162	GenBank Accession Number: BC015940	Purification Method: Protein G purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 4907	CloneNo.: AD2
Source: Mouse	Full Name: 5'-nucleotidase, ecto (CD73)	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1, kappa	Calculated MW: 29 kDa, 63 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

CD73, also known as ecto-5'-nucleotidase (5'-NT), is a 70-kDa, glycosyl-phosphatidylinositol-linked membrane-bound glycoprotein found in most tissues (PMID: 18404475; 20179192). CD73 is an ectoenzyme that catalyzes the dephosphorylation of AMP and other nucleoside monophosphates (PMID: 9553767). In the human immune system, CD73 is expressed on subsets of T and B cells, on germinal center follicular dendritic cells, and on thymic medullary reticular fibroblasts and epithelial cells (PMID: 2137649; 9553767). CD73 is highly expressed in many human solid tumors and is closely involved in cancer progression (PMID: 20179192).

Storage

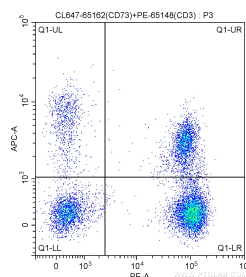
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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

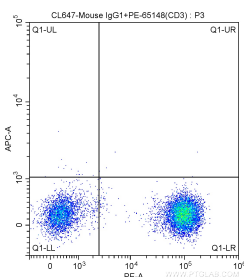
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ human peripheral blood lymphocytes were surface stained with PE-Anti-Human CD3 (PE-65148, Clone: SK7) and 5 ul CoraLite® Plus 647-conjugated Anti-Human CD73 (CL647-65162, Clone: AD2). Cells were not fixed.



1X10⁶ human peripheral blood lymphocytes were surface stained with PE-Anti-Human CD3 (PE-65148, Clone: SK7) and CoraLite® Plus 647-conjugated mouse IgG1 isotype control antibody. Cells were not fixed.