

For Research Use Only

# CoraLite® Plus 488 Anti-Human CD73 (AD2)



Catalog Number: **CL488-65162**

## Basic Information

<b>Catalog Number:</b> CL488-65162	<b>GenBank Accession Number:</b> BC015940	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 4907	<b>CloneNo.:</b> AD2
<b>Source:</b> Mouse	<b>Full Name:</b> 5'-nucleotidase, ecto (CD73)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1, kappa	<b>Calculated MW:</b> 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

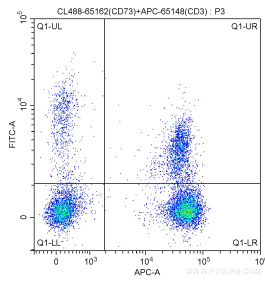
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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

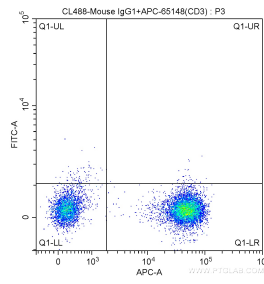
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD3 (APC-65148, Clone: SK7) and 5 ul CoraLite® Plus 488-conjugated Anti-Human CD73 (CL488-65162, Clone: AD2). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD3 (APC-65148, Clone: SK7) and CoraLite® Plus 488-conjugated mouse IgG1 isotype control antibody. Cells were not fixed.