

For Research Use Only

# CD73 Polyclonal antibody

Catalog Number: 32131-1-AP



## Basic Information

<b>Catalog Number:</b> 32131-1-AP	<b>GenBank Accession Number:</b> NM_011851.4	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 23959	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q61503	
<b>Isotype:</b> IgG	<b>Full Name:</b> 5' nucleotidase, ecto	
	<b>Calculated MW:</b> 64kDa	
	<b>Observed MW:</b> 65-70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse kidney tissue, mouse liver tissue, mouse lung tissue, mouse spleen tissue
<b>Species Specificity:</b> mouse	

## 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% 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:

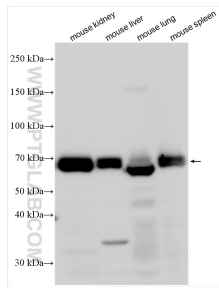
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32131-1-AP (CD73 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.