

For Research Use Only

# Mouse CD73 Recombinant antibody, PBS Only

Catalog Number: 84434-6-PBS



## Basic Information

Catalog Number:

84434-6-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_011851.4

GeneID (NCBI):

23959

UNIPROT ID:

Q61503

Full Name:

5' nucleotidase, ecto

Calculated MW:

64kDa

Observed MW:

63 kDa

Purification Method:

Protein A purification

CloneNo.:

241541D12

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse, rat

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

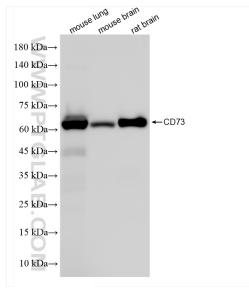
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 84434-6-RR (CD73 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84434-6-PBS in a different storage buffer formulation.