

For Research Use Only

# Mouse 5'-Nucleotidase/CD73 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84434-3-PBS



## Basic Information

Catalog Number: 84434-3-PBS	GenBank Accession Number: NM_011851.4	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 23959	CloneNo.: 241541D10
Source: Rabbit	UNIPROT ID: Q61503	
Isotype: IgG	Full Name: 5' nucleotidase, ecto	
	Calculated MW: 64kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA,  
Sample test

**Species Specificity:**  
mouse

## Background Information

### 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:

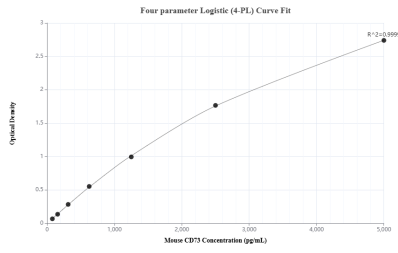
T: 4006900926

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

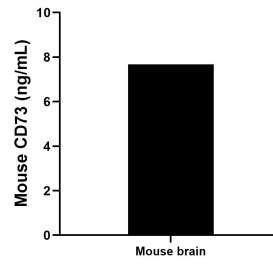
W: [ptgcn.com](http://ptgcn.com)

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

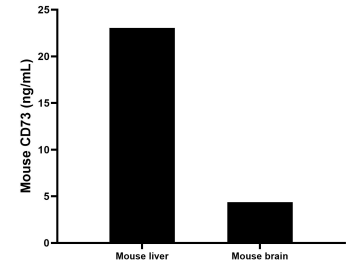
## Selected Validation Data



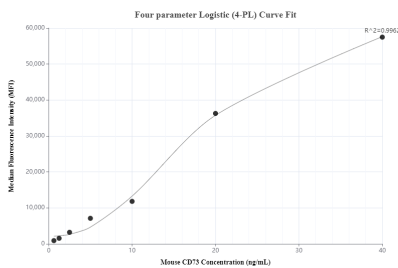
Sandwich ELISA standard curve of MP01279-4, Mouse CD73 Recombinant Matched Antibody Pair - PBS only. 84434-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1389. 84434-7-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean CD73 concentration was determined to be 7.68 ng/mL in mouse brain tissue extract based on a 2.0 mg/mL extract load.



Mouse liver and brain tissue were rinsed with 1X PBS to remove excess blood, homogenized in 20 mL of 1X PBS and stored overnight at  $\leq -20^{\circ}\text{C}$ . Homogenates were thawed and centrifuged for 5 minutes at 5000 x g. Homogenates were assayed for mouse CD73 and measured 23.05 ng/mL based on a 3.3 mg/mL homogenate load, and 4.37 ng/mL based on a 2.2 mg/mL homogenate load, respectively.



Cytometric bead array standard curve of MP01279-1, MOUSE CD73 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84434-3-PBS. Detection antibody: 84434-4-PBS. Standard: Eg1389. Range: 0.625-40 ng/mL