

For Research Use Only

# NT5E Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86512-5-PBS



## Basic Information

Catalog Number:	86512-5-PBS	GenBank Accession Number:	NM_002526.3
Source:	Rabbit	GenID (NCBI):	4907
Isotype:	IgG	UNIPROT ID:	P21589-1
Immunogen Catalog Number:	EG2974	Full Name:	5'-nucleotidase, ecto (CD73)
		Calculated MW:	63 kDa

## Applications

Tested Applications:  
Sandwich ELISA, Indirect ELISA

Species Specificity:  
human

## 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, pH7.3

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

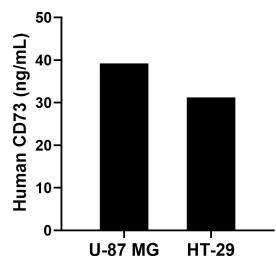
T: 4006900926

E: Proteintech-CN@ptglab.com

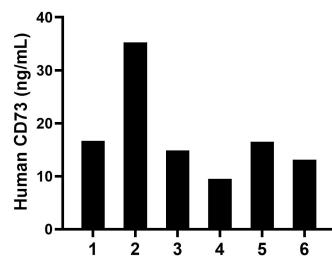
W: ptgcn.com

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

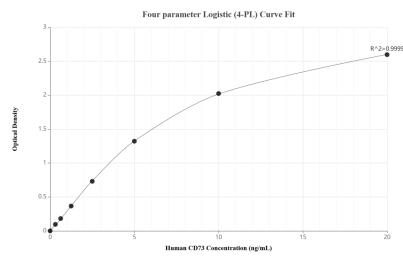
## Selected Validation Data



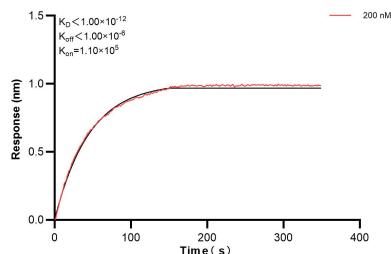
The mean CD73 concentration was determined to be 39.19 ng/mL in U-87 MG cell extract based on a 1.50 mg/mL extract load and 31.20 ng/mL in HT-29 cell extract based on a 1.10 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The CD73 concentration of detected samples was determined to be 17.66 ng/mL with a range of 9.53-35.23 ng/mL.



Sandwich ELISA standard curve of MP02481-2, Human CD73 Recombinant Matched Antibody Pair - PBS only. 86512-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2974. 86512-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 86512-5-PBS against Human NT5E were performed. The affinity constant is below 1 pM.