

For Research Use Only

# CD73 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02481-1**

## Capture Antibody Information

<b>Catalog Number:</b>	86512-2-PBS	<b>Clone ID:</b>	251250C6	<b>Conjugate:</b>	Unconjugated
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	human	<b>Full name:</b>	5'-nucleotidase, ecto (CD73)
<b>Isotype:</b>	IgG	<b>Immunogen Catalog Number:</b>	Eg2974	<b>Gene ID:</b>	4907
<b>Purification Method:</b>	Protein A purification				

## Detection Antibody Information

<b>Catalog Number:</b>	86512-1-PBS	<b>Clone ID:</b>	251250E3	<b>Conjugate:</b>	Unconjugated
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	human	<b>Full name:</b>	5'-nucleotidase, ecto (CD73)
<b>Isotype:</b>	IgG	<b>GenBank:</b>	NM_002526.3	<b>Gene ID:</b>	4907
<b>Purification Method:</b>	Protein A purification	<b>Immunogen Catalog Number:</b>	Eg2974		

## Applications

<b>Tested Applications:</b>		<b>Range:</b>		<b>Recommended Dilutions:</b>	
Cytometric bead array, Sandwich ELISA		0.781-100 ng/mL (Cytometric Bead Array)		It is recommended that this reagent should be titrated in each testing system to obtain optimal results.	
		0.156-10 ng/mL (Sandwich ELISA)			

## Product Information

MP02481-1 targets CD73 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NT5E Recombinant monoclonal antibody, PBS Only (Capture) 86512-2-PBS (251250C6). 100 µg. Concentration 1 mg/ml.

Detection antibody: NT5E Recombinant monoclonal antibody, PBS Only (Detector) 86512-1-PBS (251250E3). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

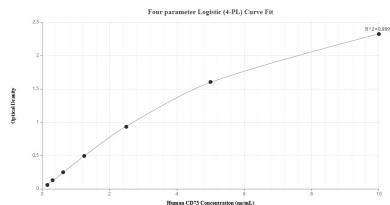
**Storage buffer:**  
PBS only

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)

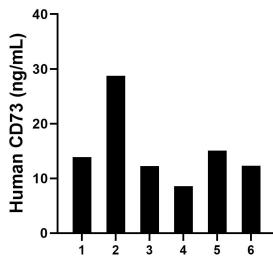
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

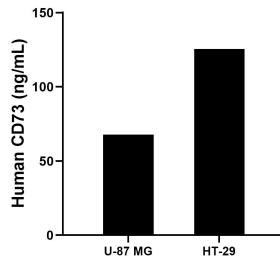
## Selected Validation Data



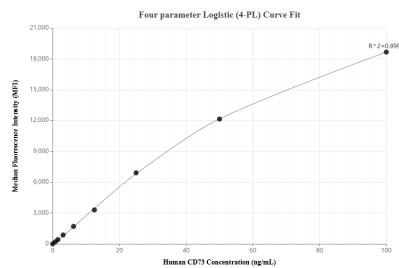
Sandwich ELISA standard curve of MP02481-1, Human CD73 Recombinant Matched Antibody Pair - PBS only. 86512-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2974. 86512-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



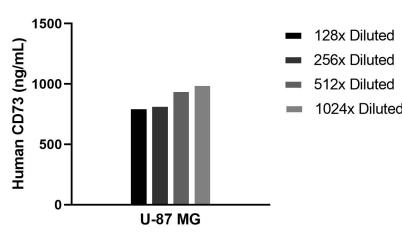
Plasma of six individual healthy human donors was measured. The human CD73 concentration of detected samples was determined to be 15.14 ng/mL with a range of 8.55 - 28.73 ng/mL



The mean CD73 concentration was determined to be 67.84 ng/mL in U-87 MG cell extract based on a 1.5 mg/mL extract load and 125.52 ng/mL in PC-3 cell extract based on a 1.1 mg/mL extract load.



Cytometric bead array standard curve of MP02481-1, CD73 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86512-2-PBS. Detection antibody: 86512-1-PBS. Standard: Eg2974. Range: 0.781-100 ng/mL



The mean CD73 concentration was determined to be 895.3 ng/mL in U-87 MG cell extract based on a 1.5 mg/mL extract load.