

For Research Use Only

CD73 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02481-1**

Capture Antibody Information

Catalog Number:	86512-2-PBS	Clone ID:	251250C6	Conjugate:	Unconjugated
Host:	Rabbit	Reactivity:	human	Full name:	5'-nucleotidase, ecto (CD73)
Isotype:	IgG	GenBank:	NM_002526.3	Gene ID:	4907
Purification Method:	Protein A purification	Immunogen Catalog Number:	Eg2974		

Detection Antibody Information

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

Applications

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

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 μ g. Concentration 1 mg/ml.

Detection antibody: NT5E Recombinant monoclonal antibody, PBS Only (Detector) 86512-1-PBS (251250E3). 100 μ g. 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.

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: 406900926

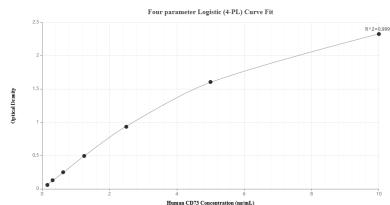
E: Proteintech-CN@ptglab.com

W: ptgcn.com

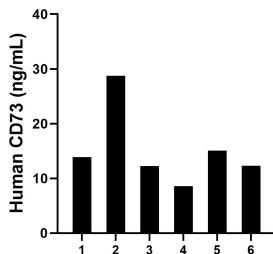
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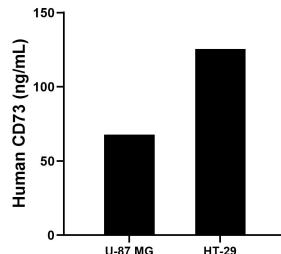
Selected Validation Data



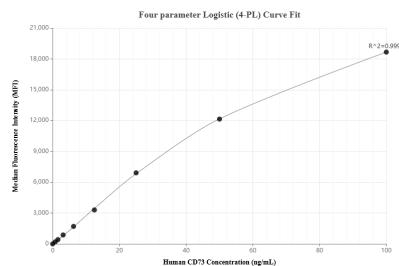
Sandwich ELISA standard curve of MP02481-1, Human CD73 Recombinant Matched Antibody Pair - PBS only. 86512-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2974. 86512-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



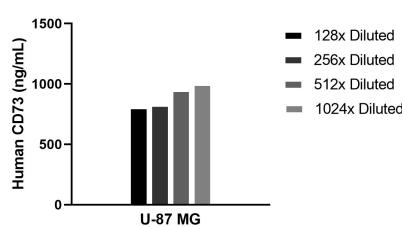
Plasma of six individual healthy human donors was measured. The human CD73 concentration of detected samples was determined to be 15.14 ng/mL with a range of 8.55 - 28.73 ng/mL



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.