

For Research Use Only

CD73 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02481-2**

Capture Antibody Information

Catalog Number:	86512-5-PBS	Clone ID:	251250C2	Conjugate:
Host:	Rabbit	Reactivity:	human	Unconjugated
Isotype:	IgG	Immunogen Catalog Number:	Eg2974	Full name:
Purification Method:	Protein A purification			5'-nucleotidase, ecto (CD73)
				Gene ID:
				4907

Detection Antibody Information

Catalog Number:	86512-3-PBS	Clone ID:	251250H3	Conjugate:
Host:	Rabbit	Reactivity:	human	Unconjugated
Isotype:	IgG	GenBank:	NM_002526.3	Full name:
Purification Method:	Protein A purification	Immunogen Catalog Number:	Eg2974	5'-nucleotidase, ecto (CD73)
				Gene ID:
				4907

Applications

Tested Applications:	Range:	Recommended Dilutions:
Sandwich ELISA	0.313-20 ng/mL (Sandwich ELISA)	It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02481-2 targets CD73 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NT5E Recombinant monoclonal antibody, PBS Only (Capture) 86512-5-PBS (251250C2). 100 µg. Concentration 1 mg/ml.

Detection antibody: CD73 Recombinant monoclonal antibody, PBS Only (Detector) 86512-3-PBS (251250H3). 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.

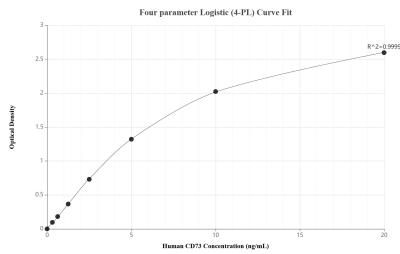
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

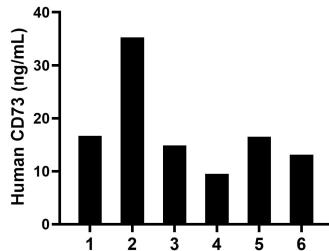
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

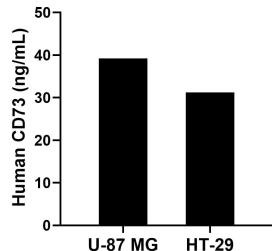
Selected Validation Data



Sandwich ELISA standard curve of MP02481-2, 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



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.



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.