

# CD73 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02481-2**

## Capture Antibody Information

**Catalog Number:**

86512-5-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

251250C2

**Reactivity:**

human

**Immunogen Catalog Number:**

Eg2974

**Conjugate:**

Unconjugated

**Full name:**

5'-nucleotidase, ecto (CD73)

**Gene ID:**

4907

## Detection Antibody Information

**Catalog Number:**

86512-3-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

251250H3

**Reactivity:**

human

**GenBank:**

NM\_002526.3

**Immunogen Catalog Number:**

Eg2974

**Conjugate:**

Unconjugated

**Full name:**

5'-nucleotidase, ecto (CD73)

**Gene ID:**

4907

## Applications

**Tested Applications:**

Sandwich ELISA

**Range:**

0.313-20 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**

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

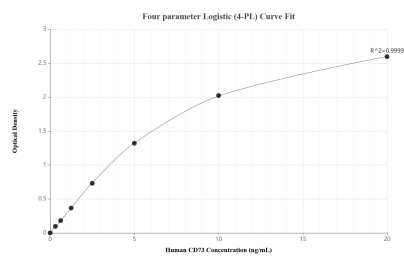
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

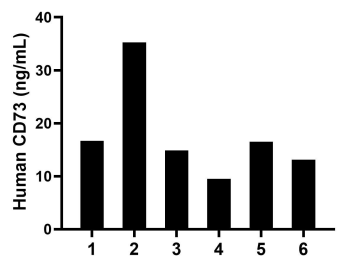
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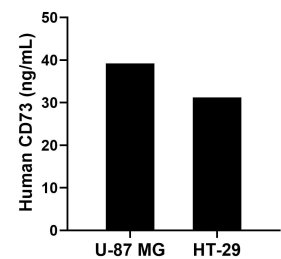
## Selected Validation Data



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.