

For Research Use Only

CD74 Recombinant antibody, PBS Only (Detector)

Catalog Number: 86023-4-PBS



Basic Information

Catalog Number:

86023-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1945

GenBank Accession Number:

NM_001025159.3

GeneID (NCBI):

972

UNIPROT ID:

P04233-2

Full Name:

CD74 molecule, major histocompatibility complex, class II invariant chain

Calculated MW:

26kDa

Purification Method:

Protein A purification

CloneNo.:

250520F6

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

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:

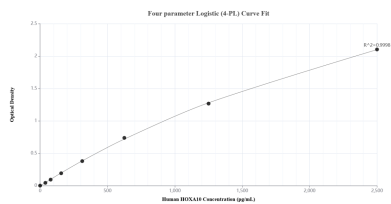
T: 4006900926

E: Proteintech-CN@ptglab.com

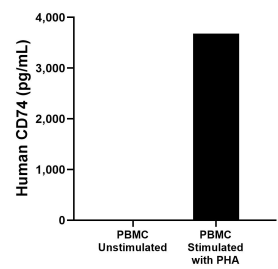
W: ptgcn.com

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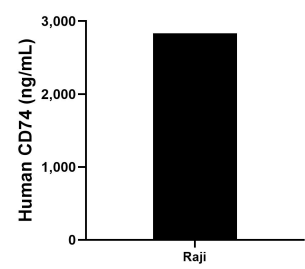
Selected Validation Data



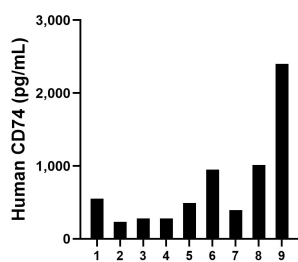
Sandwich ELISA standard curve of MP02221-2, Human CD74 Recombinant Matched Antibody Pair - PBS only. 86023-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1945. 86023-4-PBS was HRP conjugated as the detection antibody. Range: 125-8000 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean CD74 concentration was undetectable in unstimulated PBMC supernatant, 3,681.7 pg/mL in PHA stimulated PBMC supernatant.



The mean CD74 concentration was determined to be 2,833.0 ng/mL in Raji cell extract based on a 1.8 mg/mL extract load.



Serum of nine individual healthy human donors was measured. The CD74 concentration of detected samples was determined to be 732.3 pg/mL with a range of 232.3-2,400.9 pg/mL.