

PD-ECGF/Thymidine Phosphorylase Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02571-1**

Capture Antibody Information

Catalog Number:

86618-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251581E6

Reactivity:

human

Immunogen Catalog Number:

Ag3052

Conjugate:

Unconjugated

Full name:

thymidine phosphorylase

Gene ID:

1890

Detection Antibody Information

Catalog Number:

86618-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251581B8

Reactivity:

human

GenBank:

BC018160

Immunogen Catalog Number:

Ag3052

Conjugate:

Unconjugated

Full name:

thymidine phosphorylase

Gene ID:

1890

Applications

Tested Applications:Cytometric bead array, Sandwich
ELISA**Range:**0.625-40 ng/mL (Cytometric Bead
Array)
78.1-5000 pg/mL (Sandwich ELISA)**Recommended Dilutions:**It is recommended that this reagent
should be titrated in each testing
system to obtain optimal results.

Product Information

MP02571-1 targets PD-ECGF/Thymidine Phosphorylase in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: PD-ECGF Recombinant monoclonal antibody, PBS Only (Capture) 86618-1-PBS (251581E6). 100 µg. Concentration 1 mg/mL.

Detection antibody: PD-ECGF Recombinant monoclonal antibody, PBS Only (Detector) 86618-2-PBS (251581B8). 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

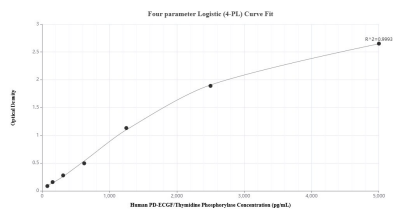
For technical support and original validation data for this product please contact:

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

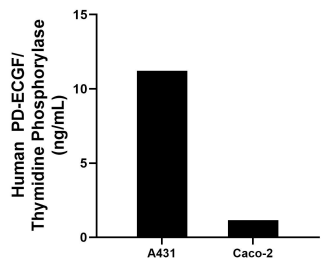
E: proteintech@ptglab.com
W: ptglab.com

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

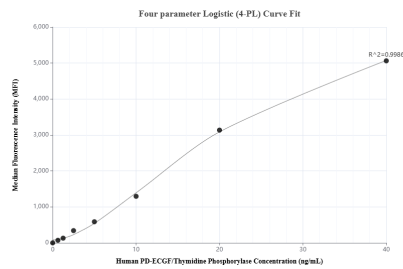
Selected Validation Data



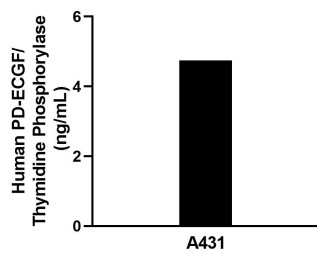
Sandwich ELISA standard curve of MP02571-1, Human PD-ECGF/Thymidine Phosphorylase Recombinant Matched Antibody Pair - PBS only. 86618-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3052. 86618-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean PD-ECGF/Thymidine Phosphorylase concentration was determined to be 11.22 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load and 1.16 ng/mL in Caco-2 cell extract based on a 2.7 mg/mL extract load.



Cytometric bead array standard curve of MP02571-1, PD-ECGF/Thymidine Phosphorylase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86618-1-PBS. Detection antibody: 86618-2-PBS. Standard: Ag3052. Range: 0.625-40 ng/mL



The mean PD-ECGF/Thymidine Phosphorylase concentration was determined to be 4.8 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load.