

For Research Use Only

PFAS Recombinant antibody, PBS Only (Capture)

Catalog Number: 83074-2-PBS



Basic Information

Catalog Number:

83074-2-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20162

GenBank Accession Number:

BC167158

GeneID (NCBI):

5198

UNIPROT ID:

O15067

Full Name:

phosphoribosylformylglycinamide synthase

Calculated MW:

1338 aa, 145 kDa

Purification Method:

Protein A purification

CloneNo.:

230422D11

Applications

Tested Applications:

WB, Cytometric bead array, 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:

100% PBS pH 7.3

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

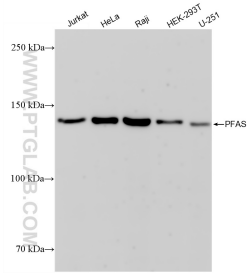
T: 4006900926

E: Proteintech-CN@ptglab.com

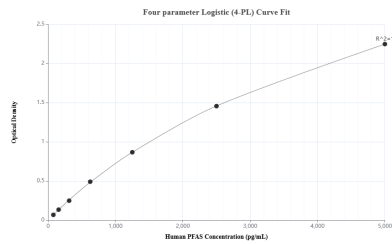
W: ptgcn.com

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

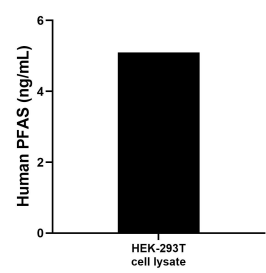
Selected Validation Data



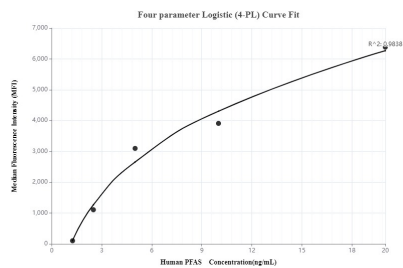
Various lysates were subjected to SDS PAGE followed by western blot with 83074-2-RR (PFAS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83074-2-PBS in a different storage buffer formulation.



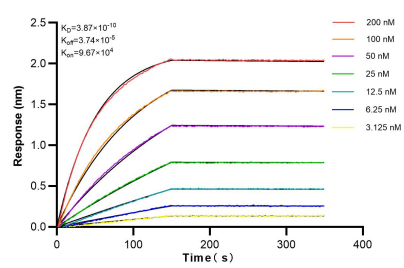
Sandwich ELISA standard curve of MP00064-1, Human PFAS Recombinant Matched Antibody Pair - PBS only. 83074-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20162. 83074-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



HEK-293T cell lysate was measured. The human PFAS concentration of detected samples was determined to be 5.10 ng/mL (based on a 1.4 mg/mL extract load).



Cytometric bead array standard curve of MP00064-1, PFAS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83074-2-PBS. Detection antibody: 83074-1-PBS. Standard: Ag20162. Range: 1.25-20 ng/mL



Biolayer interferometry (BLI) kinetic assays of 83074-2-RR against Human PFAS were performed. The affinity constant is 0.387 nM.