

TIGAR Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01803-1**

Capture Antibody Information

Catalog Number:

85052-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242625D10

Reactivity:

human

Immunogen Catalog Number:

Ag17532

Conjugate:

Unconjugated

Full name:

chromosome 12 open reading frame 5

Gene ID:

57103

Detection Antibody Information

Catalog Number:

85052-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242625D7

Reactivity:

human

GenBank:

BC012340

Immunogen Catalog Number:

Ag17532

Conjugate:

Unconjugated

Full name:

chromosome 12 open reading frame 5

Gene ID:

57103

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA

Range:

0.781-100 ng/mL (Cytometric Bead Array)
0.156-10 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

MP01803-1 targets TIGAR in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: TIGAR Recombinant antibody, PBS Only (Capture) 85052-1-PBS (242625D10). 100 µg. Concentration 1 mg/mL.

Detection antibody: TIGAR Recombinant antibody, PBS Only (Detector) 85052-2-PBS (242625D7). 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

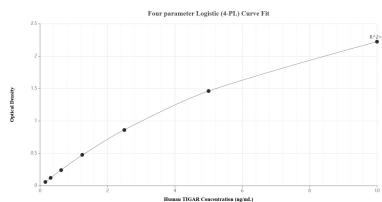
For technical support and original validation data for this product please contact:

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

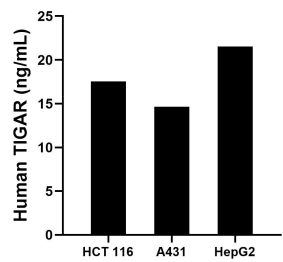
E: proteintech@ptglab.com
W: ptglab.com

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

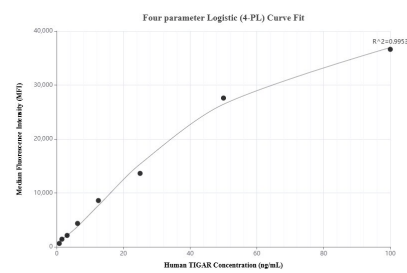
Selected Validation Data



Sandwich ELISA standard curve of MP01803-1, Human TIGAR Recombinant Matched Antibody Pair - PBS only. 85052-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17532. 85052-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean TIGAR concentration was determined to be 17.53 ng/mL in HCT 116 cell extract based on a 1.40 mg/mL extract load, 14.64 ng/mL in A431 cell extract based on a 1.30 mg/mL extract load and 21.52 ng/mL in HepG2 cell extract based on a 1.00 mg/mL extract load.



Cytometric bead array standard curve of MP01803-1, TIGAR Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85052-1-PBS. Detection antibody: 85052-2-PBS. Standard: Ag17532. Range: 0.781-100 ng/mL