For Research Use Only

TIGAR Recombinant antibody, PBS Only (Detector)

Catalog Number:85052-2-PBS

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Basic Information

Catalog Number:
85052-2-PBS

Concentration:
1000 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG17532

GenBank Accession Number:
BC012340

GeneID (NCBI):
57103

UNIPROT ID:
Q9NQ88

Full Name:
chromosome 12 open reading frame 5

Calculated MW:
270 aa, 30 kDa

Purification Method:
Protein A purification

CloneNo.:
242625D7

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

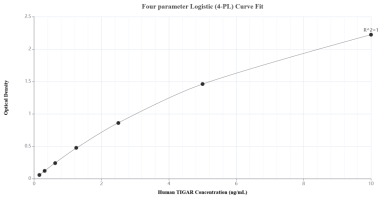
Background Information

Storage

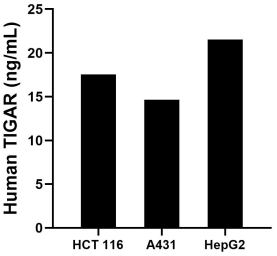
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

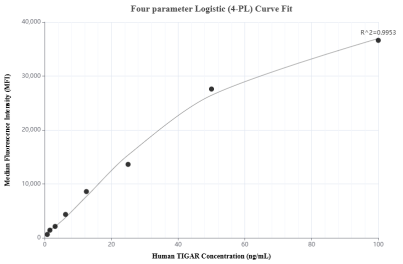
Selected Validation Data



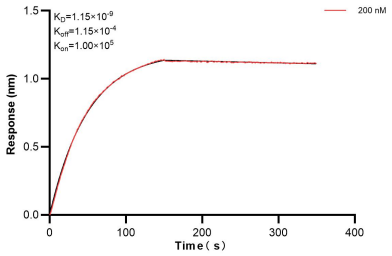
Sandwich ELISA standard curve of MP01803-1, Human TIGAR Recombinant Matched Antibody Pair - PBS only. 85052-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17532. 85052-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



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.



Biolayer interferometry (BLI) kinetic assay of 85052-2-PBS against Human TIGAR was performed. The affinity constant is 1.15 nM.