

For Research Use Only

Rat gp130/IL6ST Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84113-2-PBS



Basic Information

Catalog Number: 84113-2-PBS	GenBank Accession Number: NM_001008725.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 25205	CloneNo.: 241340C9
Source: Rabbit	Full Name: interleukin 6 signal transducer	
Isotype: IgG	Calculated MW: 102 kDa	

Applications

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

Species Specificity:
rat

Product Information

84113-2-PBS targets gp130/IL6ST as part of a matched antibody pair:

MP01049-1: 84113-2-PBS capture and 84113-1-PBS detection (validated in Cytometric bead array)

MP01049-3: 84113-3-PBS capture and 84113-2-PBS detection (validated in Cytometric bead array)

MP01049-4: 84113-2-PBS capture and 84113-5-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

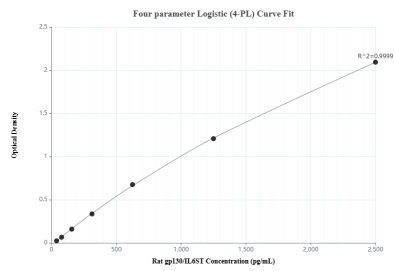
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

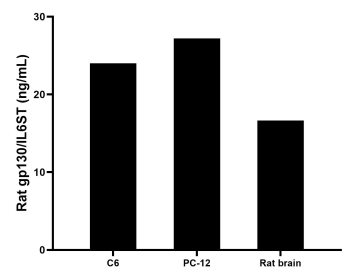
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

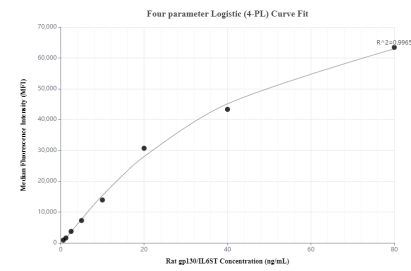
Selected Validation Data



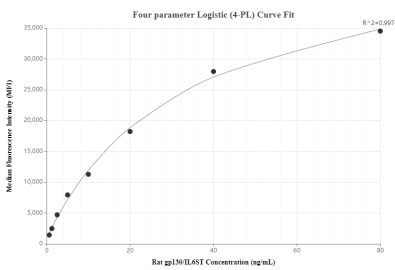
Sandwich ELISA standard curve of MP01049-4, Rat gp130/IL6ST Recombinant Matched Antibody Pair - PBS only. 84113-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0857. 84113-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



The mean gp130/IL6ST concentration was determined to be 24.02 ng/mL in C6 cell extract based on a 2.0 mg/mL extract load, 27.20 ng/mL in PC-12 cell extract based on a 1.4 mg/mL extract load and 16.64 ng/mL in rat brain tissue extract based on a 1.6 mg/mL extract load.



Cytometric bead array standard curve of MP01049-1, RAT gp130/IL6ST Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84113-2-PBS. Detection antibody: 84113-1-PBS. Standard: Eg0857. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP01049-3, RAT gp130/IL6ST Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84113-3-PBS. Detection antibody: 84113-2-PBS. Standard: Eg0857. Range: 0.625-80 ng/mL