

For Research Use Only

Rat gp130/IL6ST Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01049-4

Capture Antibody Information

Catalog Number:
84113-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241340C9

Reactivity:
rat

Conjugate:
Unconjugated

Full name:
interleukin 6 signal transducer

Gene ID:
25205

Detection Antibody Information

Catalog Number:
84113-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241340A11

Reactivity:
rat

GenBank:
NM_001008725.3

Conjugate:
Unconjugated

Full name:
interleukin 6 signal transducer

Gene ID:
25205

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-2500 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

MP01049-4 targets gp130/IL6ST in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat gp130/IL6ST Recombinant antibody, PBS Only (Capture/Detector) 84113-2-PBS (241340C9). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat gp130/IL6ST Recombinant antibody, PBS Only (Detector) 84113-5-PBS (241340A11). 100 µg. Concentration 1 mg/ml.

Alternative gp130/IL6ST matched antibody pairs: MP00324-1, MP00324-2, MP00324-3, MP01049-1, MP01049-2, MP01049-3, MP50086-1

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

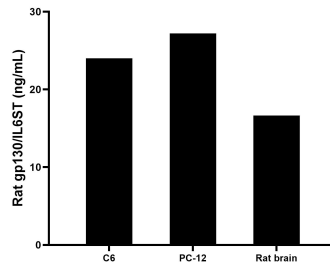
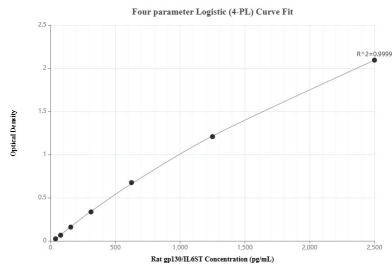
For technical support and original validation data for this product please contact:

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 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.