

For Research Use Only

gp130/IL6ST Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68692-2-PBS



Basic Information

Catalog Number: 68692-2-PBS	GenBank Accession Number: NM_002184.3	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 3572	CloneNo.: 1G9E1
Source: Mouse	UNIPROT ID: P40189-1	
Isotype: IgG1	Full Name: interleukin 6 signal transducer (gp130, oncostatin M receptor)	
Immunogen Catalog Number: EG0654	Calculated MW: 104 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

68692-2-PBS targets gp130/IL6ST as part of a matched antibody pair:

MP50086-1: 68692-1-PBS capture and 68692-2-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

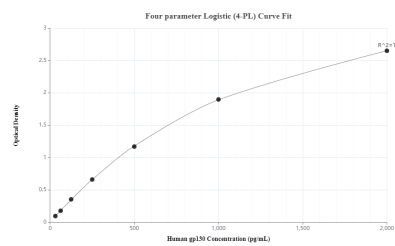
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

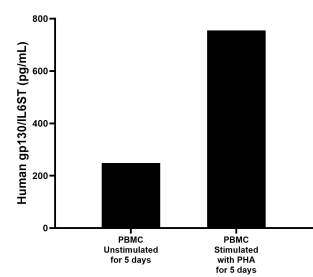
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

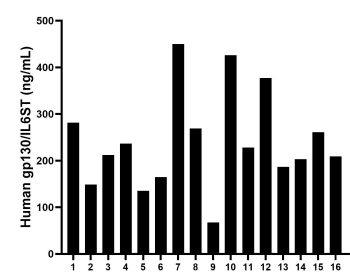
Selected Validation Data



Sandwich ELISA standard curve of MP50086-1, gp130/IL6ST Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68692-1-PBS. Detection antibody: 68692-2-PBS. Standard: Eg0654. Range: 31.25-2000 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 5 days. The mean gp130/IL6ST concentration was determined to be 248.5 pg/mL in unstimulated PBMC supernatant, 754.8 pg/mL in PHA stimulated PBMC supernatant.



Serum of sixteen individual healthy human donors was measured. The human gp130/IL6ST concentration of detected samples was determined to be 241.00 ng/mL with a range of 67.75 - 450.06 ng/mL