

For Research Use Only

# gp130/IL6ST Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68692-1-PBS



## Basic Information

<b>Catalog Number:</b> 68692-1-PBS	<b>GenBank Accession Number:</b> NM_002184.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3572	<b>CloneNo.:</b> 1A2A1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P40189-1	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> interleukin 6 signal transducer (gp130, oncostatin M receptor)	
<b>Immunogen Catalog Number:</b> EG0654	<b>Calculated MW:</b> 104 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

68692-1-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

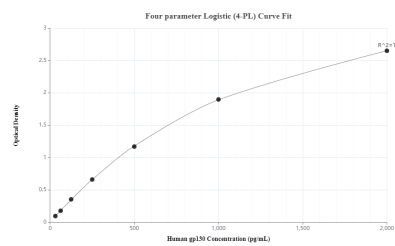
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

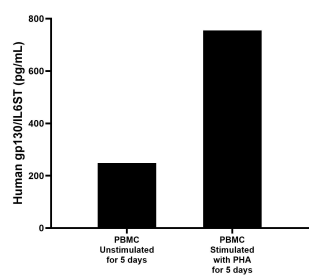
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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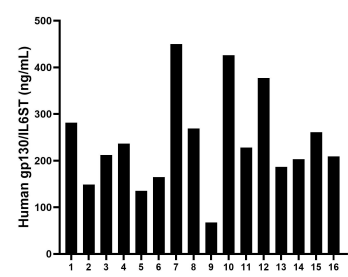
## Selected Validation Data



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