

For Research Use Only

# GSTP1 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66715-3-PBS



## Basic Information

<b>Catalog Number:</b> 66715-3-PBS	<b>GenBank Accession Number:</b> BC010915	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2950	<b>CloneNo.:</b> 3C3F4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P09211	
<b>Isotype:</b> IgG1	<b>Full Name:</b> glutathione S-transferase pi 1	
<b>Immunogen Catalog Number:</b> AG8880	<b>Calculated MW:</b> 210 aa, 23 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

66715-3-PBS targets GSTP1 as part of a matched antibody pair:

MP50579-1: 66715-2-PBS capture and 66715-3-PBS detection (validated in Cytometric bead array, 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

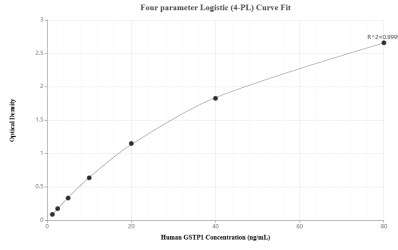
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

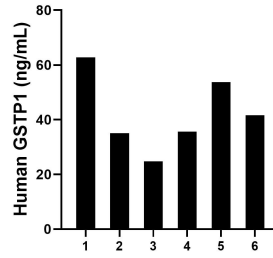
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)      W: [ptglab.com](http://ptglab.com)

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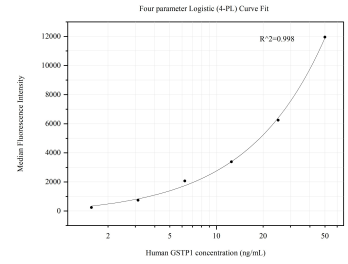
## Selected Validation Data



Sandwich ELISA standard curve of MP50579-1, Human GSTP1 Monoclonal Matched Antibody Pair - PBS only. 66715-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8880. 66715-3-PBS was HRP conjugated as the detection antibody. Range: 1.25-80 ng/mL



Serum of six individual healthy human donors was measured. The human GSTP1 concentration of detected samples was determined to be 42.26 ng/mL with a range of 24.74 - 62.83 ng/mL



Cytometric bead array standard curve of MP50579-1, GSTP1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66715-2-PBS. Detection antibody: 66715-3-PBS. Standard: Ag8880. Range: 1.563-50 ng/mL