

For Research Use Only

# GSTA4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02274-1

## Capture Antibody Information

Catalog Number:  
85954-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250352D2

Reactivity:  
human

Immunogen Catalog Number:  
Ag11028

Conjugate:  
Unconjugated

Full name:  
glutathione S-transferase alpha 4

Gene ID:  
2941

## Detection Antibody Information

Catalog Number:  
85954-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250352B9

Reactivity:  
human

GenBank:  
BC015523

Immunogen Catalog Number:  
Ag11028

Conjugate:  
Unconjugated

Full name:  
glutathione S-transferase alpha 4

Gene ID:  
2941

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
156-5000 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

MP02274-1 targets GSTA4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: GSTA4 Recombinant antibody, PBS Only (Capture) 85954-4-PBS (250352D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: GSTA4 Recombinant antibody, PBS Only (Detector) 85954-3-PBS (250352B9). 100 µg. Concentration 1 mg/mL.

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

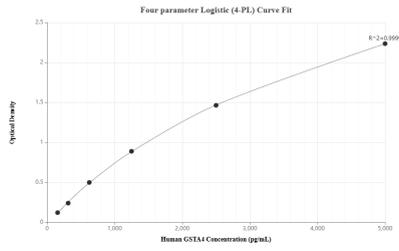
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

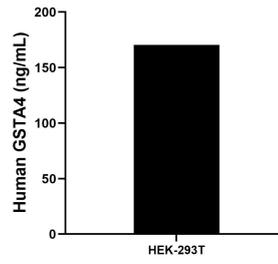
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

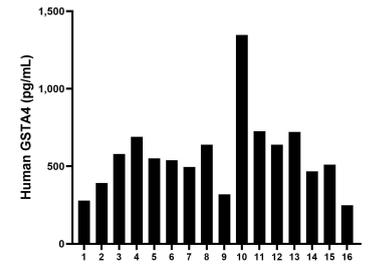
## Selected Validation Data



Sandwich ELISA standard curve of MP02274-1, Human GSTA4 Recombinant Matched Antibody Pair - PBS only. 85954-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11028. 85954-3-PBS was HRP conjugated as the detection antibody. Range: 156-5000 pg/mL



The mean GSTA4 concentration was determined to be 170.40 ng/mL in HEK-293T cell extract based on a 2.8 mg/mL extract.



Serum of sixteen individual healthy human donors was measured. The human GSTA4 concentration of detected samples was determined to be 571.5 pg/mL with a range of 249.1 - 1,347.3 pg/mL.