

For Research Use Only

GSTA4 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85954-3-PBS



Basic Information

Catalog Number: 85954-3-PBS	GenBank Accession Number: BC015523	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2941	CloneNo.: 250352B9
Source: Rabbit	UNIPROT ID: O15217	
Isotype: IgG	Full Name: glutathione S-transferase alpha 4	
Immunogen Catalog Number: AG11028	Calculated MW: 222 aa, 27 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85954-3-PBS targets GSTA4 as part of a matched antibody pair:

MP02274-1: 85954-4-PBS capture and 85954-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

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.

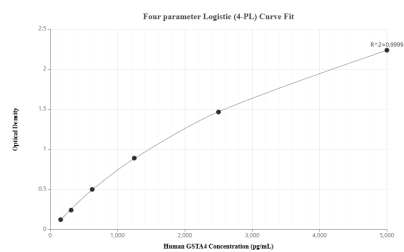
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

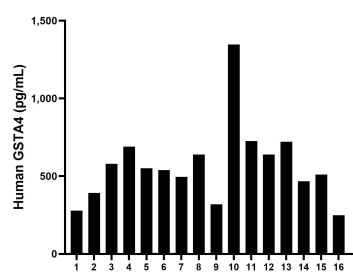
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

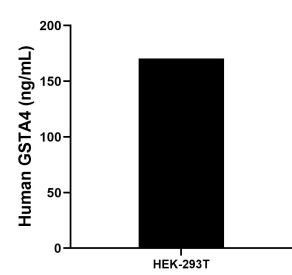
Selected Validation Data



Sandwich ELISA standard curve of 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



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.



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.