

For Research Use Only

AGXT Recombinant antibody, PBS Only (Capture)

Catalog Number: 83385-5-PBS



Basic Information

Catalog Number: 83385-5-PBS	GenBank Accession Number: BC132819	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 189	CloneNo.: 240305F9
Source: Rabbit	UNIPROT ID: P21549	
Isotype: IgG	Full Name: alanine-glyoxylate aminotransferase	
Immunogen Catalog Number: AG18062	Calculated MW: 392 aa, 43 kDa	

Applications

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

Species Specificity:
human

Product Information

83385-5-PBS targets AGXT as part of a matched antibody pair:

MP00420-2: 83385-5-PBS capture and 83385-4-PBS detection (validated in Cytometric bead array)

MP00420-4: 83385-5-PBS capture and 83385-3-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.

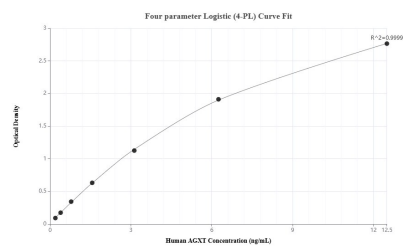
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

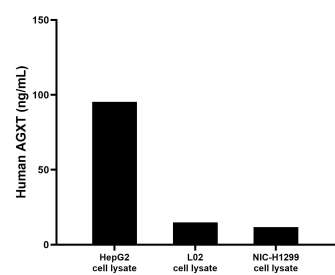
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

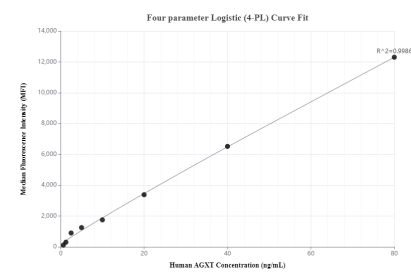
Selected Validation Data



Sandwich ELISA standard curve of MP00420-4, Human AGXT Recombinant Matched Antibody Pair - PBS only. 83385-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18062. 83385-3-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



HepG2, L02 and NIC-H1299 cell lysates were measured. The human AGXT concentration of detected samples was determined to be 95.31 ng/mL (based on a 1.2 mg/mL extract load) in HepG2 cell lysate, 14.94 ng/mL (based on a 2.6 mg/mL extract load) in L02 cell lysate and 11.79 ng/mL (based on a 1.2 mg/mL extract load) in NIC-H1299 cell lysate.



Cytometric bead array standard curve of MP00420-2, AGXT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83385-5-PBS. Detection antibody: 83385-4-PBS. Standard: Ag18062. Range: 0.625-80 ng/mL