

For Research Use Only

LATS1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 80613-3-PBS



Basic Information

Catalog Number: 80613-3-PBS	GenBank Accession Number: BC015665	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9113	CloneNo.: 252021A3
Source: Rabbit	UNIPROT ID: Q6PJG3	
Isotype: IgG	Full Name: LATS, large tumor suppressor, homolog 1 (Drosophila)	
Immunogen Catalog Number: AG11140	Calculated MW: 15 kDa, 127 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

80613-3-PBS targets LATS1 as part of a matched antibody pair:

MP02921-1: 80613-3-PBS capture and 80613-2-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

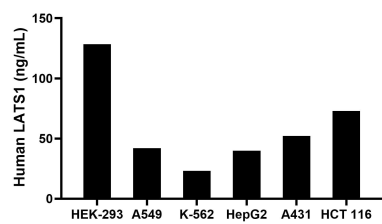
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

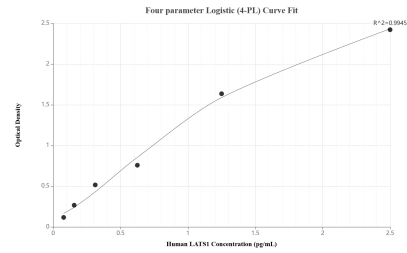
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean LATS1 concentration was determined to be 128.4 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 42.1 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, 23.1 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load, 40.0 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 52.2 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load and 72.9 ng/mL in HCT 116 cell extract based on a 1.3 mg/mL extract load.



Sandwich ELISA standard curve of MP02921-1, Human LATS1 Recombinant Matched Antibody Pair - PBS only. 80613-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11140. 80613-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL.