

For Research Use Only

CS Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86549-4-PBS



Basic Information

Catalog Number: 86549-4-PBS	GenBank Accession Number: BC010106	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1431	CloneNo.: 251433F8
Source: Rabbit	UNIPROT ID: O75390	
Isotype: IgG	Full Name: citrate synthase	
Immunogen Catalog Number: AG9117	Calculated MW: 466 aa, 52 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86549-4-PBS targets CS as part of a matched antibody pair:

MP02513-2: 86549-4-PBS capture and 86549-3-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.

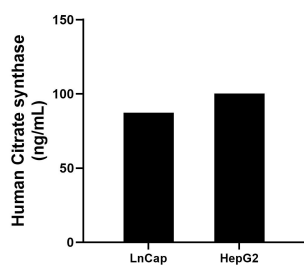
Storage

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

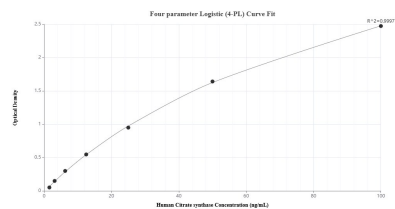
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean Citrate synthase concentration was determined to be 87.22 ng/mL in LnCap cell extract based on a 1.0 mg/mL extract load and 100.24 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP02513-2, Human Citrate synthase Recombinant Matched Antibody Pair - PBS only. 86549-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9117. 86549-3-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL