

For Research Use Only

# DLAT Recombinant antibody, PBS Only (Detector)

Catalog Number: 83654-5-PBS



## Basic Information

<b>Catalog Number:</b> 83654-5-PBS	<b>GenBank Accession Number:</b> BC039084	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1737	<b>CloneNo.:</b> 240713E9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10515	
<b>Isotype:</b> IgG	<b>Full Name:</b> dihydrolipoamide S-acetyltransferase	
<b>Immunogen Catalog Number:</b> AG22831	<b>Calculated MW:</b> 647 aa, 70 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

83654-5-PBS targets DLAT as part of a matched antibody pair:

MP00635-4: 83654-3-PBS capture and 83654-5-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

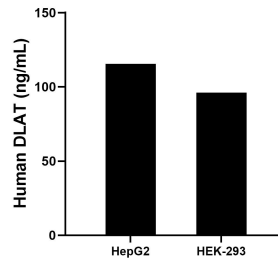
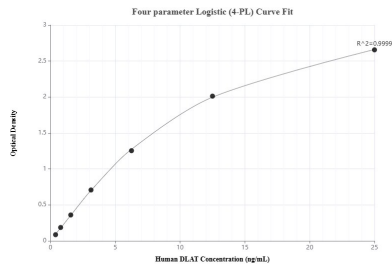
For technical support and original validation data for this product please contact:

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**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 MP00635-4, Human DLAT Recombinant Matched Antibody Pair - PBS only. 83654-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag22831. 83654-5-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL

The mean DLAT concentration was determined to be 115.60 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 96.07 ng/mL in HEK-293 cell extract based on a 2.3 mg/mL extract load.