

DLAT Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00635-4

Capture Antibody Information

Catalog Number: 83654-3-PBS	Clone ID: 240713C12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human, mouse, rat	Full name: dihydroliipoamide S-acetyltransferase
Isotype: IgG	GenBank: BC039084	Gene ID: 1737
Purification Method: Protein A purification	Immunogen Catalog Number: Ag22831	

Detection Antibody Information

Catalog Number: 83654-5-PBS	Clone ID: 240713E9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: dihydroliipoamide S-acetyltransferase
Isotype: IgG	GenBank: BC039084	Gene ID: 1737
Purification Method: Protein A purification	Immunogen Catalog Number: Ag22831	

Applications

Tested Applications: Sandwich ELISA	Range: 0.391-25 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP00635-4 targets DLAT in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: DLAT Recombinant antibody, PBS Only (Capture) 83654-3-PBS (240713C12). 100 µg. Concentration 1 mg/ml.

Detection antibody: DLAT Recombinant antibody, PBS Only (Detector) 83654-5-PBS (240713E9). 100 µg. Concentration 1 mg/ml.

Alternative DLAT matched antibody pairs: MP00635-1, MP00635-2, MP00635-3, MP50549-1, MP50549-2, MP50549-3, MP50549-4

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

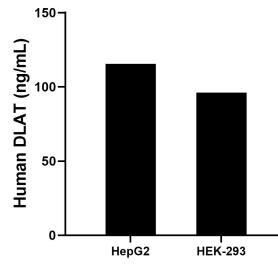
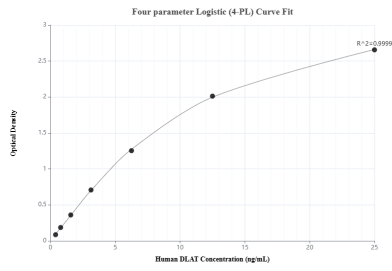
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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.