

For Research Use Only



# LDHA Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03165-1

## Capture Antibody Information

**Catalog Number:**  
84198-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240885C7  
**Reactivity:**  
human, mouse, rat

**Conjugate:**  
Unconjugated  
**Full name:**  
lactate dehydrogenase A  
**Gene ID:**  
3939

## Detection Antibody Information

**Catalog Number:**  
84198-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240885E7  
**Reactivity:**  
human  
**GenBank:**  
NM\_005566

**Conjugate:**  
Unconjugated  
**Full name:**  
lactate dehydrogenase A  
**Gene ID:**  
3939

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
78.1-5000 pg/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP03165-1 targets LDHA in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.  
Capture antibody: LDHA-Specific Recombinant monoclonal antibody, PBS Only (Capture) 84198-3-PBS (240885C7). 100 µg. Concentration 1 mg/mL.  
Detection antibody: LDHA-Specific Recombinant monoclonal antibody, PBS Only (Detector) 84198-4-PBS (240885E7). 100 µg. Concentration 1 mg/mL.  
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.

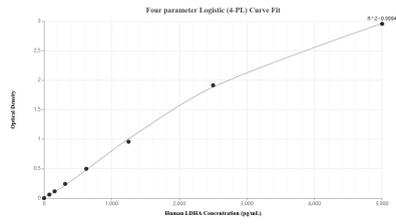
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

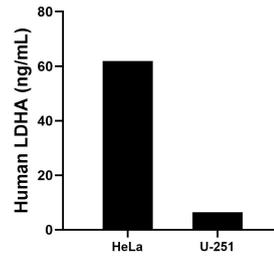
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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 MP03165-1, Human LDHA Recombinant Matched Antibody Pair - PBS only. 84198-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY00607. 84198-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean LDHA concentration was determined to be 61.9 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 6.4 ng/mL in U-251 cell extract based on a 1.2 mg/mL extract load.