

For Research Use Only

MYL3 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66286-5-PBS



Basic Information

Catalog Number: 66286-5-PBS	GenBank Accession Number: BC009790	Purification Method: Protein G Magarose purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4634	CloneNo.: 2D1A2
Source: Mouse	UNIPROT ID: P08590	
Isotype: IgG1	Full Name: myosin, light chain 3, alkali; ventricular, skeletal, slow	
Immunogen Catalog Number: AG24535	Calculated MW: 22 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

66286-5-PBS targets MYL3 as part of a matched antibody pair:

MP50642-3: 66286-1-PBS capture and 66286-5-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

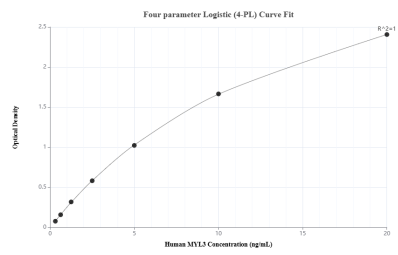
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

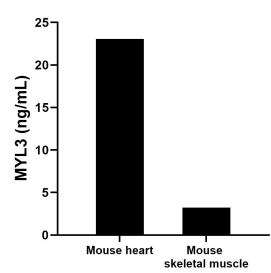
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

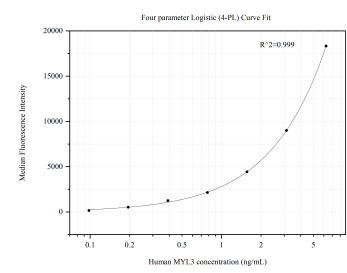
Selected Validation Data



Sandwich ELISA standard curve of MP50642-3, Human MYL3 Monoclonal Matched Antibody Pair - PBS only. 66286-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag24535. 66286-5-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean MYL3 concentration was determined to be 23.06 ng/mL in mouse heart tissue extract based on a 6.9 mg/mL extract load and 3.2 ng/mL in mouse skeletal muscle tissue extract based on a 1.7 mg/mL extract load.



Cytometric bead array standard curve of MP50642-3, MYL3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66286-1-PBS. Detection antibody: 66286-5-PBS. Standard: Ag24535. Range: 0.098-6.25 ng/mL