

Monkey MYO Antibody Pair Set

Catalog No. E-KAB-0656

Applications

ELISA

Synonyms MB;PVALB

Kit components & Storage

Title	Specifications	Storage
Monkey MYO Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Monkey MYO Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

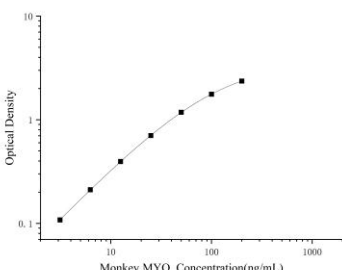
Product Information

Items		Characteristic (E-KAB-0656)	
		Monkey MYO Capture Antibody	Monkey MYO Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Monkey MYO protein	Recombinant Monkey MYO protein
	Swissprot	P02150	
Product details	Reactivity	Monkey	Monkey
	Host	Mouse	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Protein A or G
	Specificity	Detects Monkey MYO in ELISAs.	

For Research Use Only

Applications

Monkey MYO Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Monkey MYO Capture Antibody	
ELISA Detection	1:1000-1:10000	Monkey MYO Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Myoglobin is a cytoplasmic hemoprotein that is expressed primarily in cardiomyocytes and oxidative skeletal muscle fibers; functioning on facilitating oxygen transport and modulating nitric oxide homeostasis within cardiac and skeletal myocytes. Recent studies indicated that myoglobin was also expressed in non-muscle tissues. This antibody well recognized endogenous myoglobin in muscle lysates.