

For Research Use Only

# Palladin-Specific Monoclonal antibody



Catalog Number: 60167-1-Ig

## Basic Information

<b>Catalog Number:</b> 60167-1-Ig	<b>GenBank Accession Number:</b> NM_016081	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23022	<b>CloneNo.:</b> 7H6B1
<b>Source:</b> Mouse	<b>Full Name:</b> palladin, cytoskeletal associated protein	
<b>Isotype:</b> IgM	<b>Calculated MW:</b> 151 kDa	
	<b>Observed MW:</b> 80 kDa, 120 kDa, 160 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

Palladin belongs to the myotilin/palladin family. Palladin is a widely expressed protein found in stress fibers, focal adhesions, growth cones, Z-discs, and other actin-based subcellular structures. It is a cytoskeletal protein required for organization of normal actin cytoskeleton. It functions in establishing cell morphology, motility, cell adhesion and cell-extracellular matrix interactions in a variety of cell types. Palladin has multiple transcription isoforms, specialized for different functions. This antibody, generated against N-terminal peptide of palladin, recognizes 200 kD, 140 kD, and 65 kD isoforms of this protein.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

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## Selected Validation Data