

For Research Use Only

# MED18 Monoclonal antibody, PBS Only

Catalog Number:60467-1-PBS



## Basic Information

<b>Catalog Number:</b> 60467-1-PBS	<b>GenBank Accession Number:</b> BC002694	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54797	<b>CloneNo.:</b> 2D10G8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BUE0	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> mediator complex subunit 18	
<b>Immunogen Catalog Number:</b> AG7495	<b>Calculated MW:</b> 24 kDa	
	<b>Observed MW:</b> 24 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

MED18, also named as Mediator of RNA polymerase II transcription subunit 18, is a 208 amino acid protein, which belongs to the Mediator complex subunit 18 family. MED18 is a component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. MED18 as a mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. MED18 is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.

## Storage

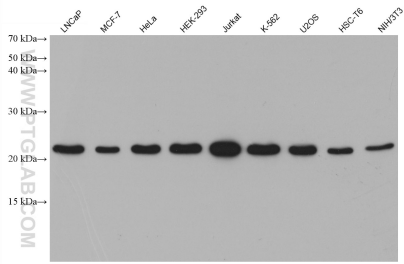
**Storage:**  
Store at -80°C.

**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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60467-1-Ig (MED18 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60467-1-PBS in a different storage buffer formulation.