

# MED18 Monoclonal antibody

Catalog Number: 60467-1-Ig

## Basic Information

**Catalog Number:**

60467-1-Ig

**Size:**

150ul , Concentration: 1000 ug/ml by Nanodrop;

**Source:**

Mouse

**Isotype:**

IgG2a

**Immunogen Catalog Number:**

AG7495

**GenBank Accession Number:**

BC002694

**GeneID (NCBI):**

54797

**UNIPROT ID:**

Q9BUE0

**Full Name:**

mediator complex subunit 18

**Calculated MW:**

24 kDa

**Observed MW:**

24 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

2D10G8

**Recommended Dilutions:**

WB 1:1000-1:4000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

**WB :** LNCaP cells, MCF-7 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, U2OS cells, HSC-T6 cells, NIH/3T3 cells

## 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 -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

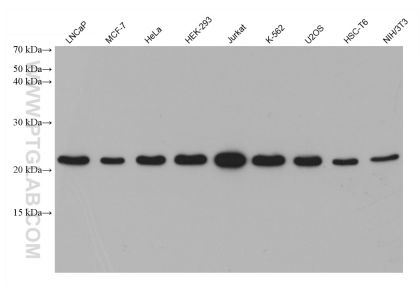
For technical support and original validation data for this product please contact:

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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.