

For Research Use Only

# MED6 Recombinant antibody

Catalog Number: 84184-4-RR



## Basic Information

**Catalog Number:**

84184-4-RR

**Concentration:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7541

**GenBank Accession Number:**

BC004106

**GeneID (NCBI):**

10001

**UNIPROT ID:**

O75586

**Full Name:**

mediator complex subunit 6

**Calculated MW:**

28 kDa

**Observed MW:**

33 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241382H2

**Recommended Dilutions:**

WB 1:5000-1:50000

IF/ICC 1:250-1:1000

## Applications

**Tested Applications:**

WB, IF/ICC, FC (Intra), ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

**WB :** HeLa cells, A431 cells, HepG2 cells, Jurkat cells, mouse colon tissue, mouse brain tissue

**IF/ICC :** A431 cells,

## Background Information

MED6 is a part of mediator complex. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

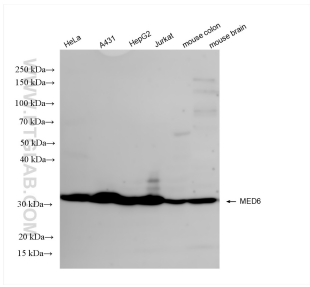
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

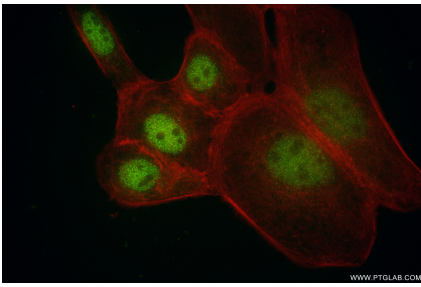
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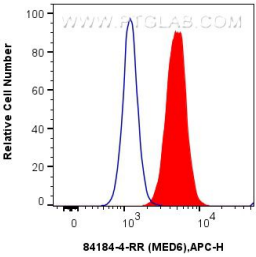
## Selected Validation Data



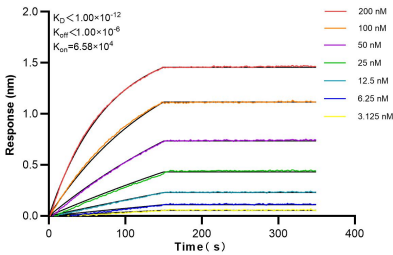
Various lysates were subjected to SDS PAGE followed by western blot with 84184-4-RR (MED6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using MED6 antibody (84184-4-RR, Clone: 241382H2) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10<sup>6</sup> A431 cells were intracellularly stained with 0.25 ug MED6 Recombinant antibody (84184-4-RR, Clone:241382H2) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Biolayer interferometry (BLI) kinetic assays of 84184-4-RR against Human MED6 were performed. The affinity constant is below 1 pM.