

For Research Use Only

# CoraLite®594-conjugated MED4 Monoclonal antibody

Catalog Number:CL594-67839



## Basic Information

<b>Catalog Number:</b> CL594-67839	<b>GenBank Accession Number:</b> BC005189	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29079	<b>CloneNo.:</b> 2E6F4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NPJ6	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG2a	<b>Full Name:</b> mediator complex subunit 4	
<b>Immunogen Catalog Number:</b> AG8562	<b>Calculated MW:</b> 270 aa, 30 kDa	
	<b>Observed MW:</b> ~36 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, Mouse, rat

## Background Information

MED4 is a component of the Mediator complex, which is a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. It also has an alternative name called "Activator-recruited cofactor 36 kDa component (ARC36)".

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

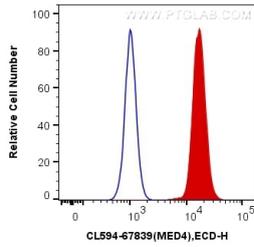
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human MED4 (CL594-67839, Clone:2E6F4) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).