

CoraLite® Plus 488-conjugated MED4 Monoclonal antibody

Catalog Number: **CL488-67839**

Basic Information

Catalog Number:

CL488-67839

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG8562

GenBank Accession Number:

BC005189

GeneID (NCBI):

29079

UNIPROT ID:

Q9NPJ6

Full Name:

mediator complex subunit 4

Calculated MW:

270 aa, 30 kDa

Observed MW:

~36 kDa

Purification Method:

Protein A purification

CloneNo.:

2E6F4

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

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:

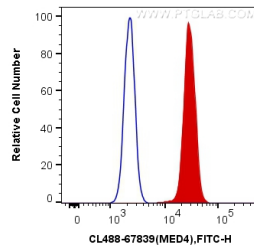
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human MED4 (CL488-67839, Clone:2E6F4) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).