

For Research Use Only

CoraLite®594-conjugated MAP2K4 Monoclonal antibody



Catalog Number:CL594-67333

Basic Information

Catalog Number: CL594-67333	GenBank Accession Number: BC036032	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6416	CloneNo.: 2E4C1
Source: Mouse	Full Name: mitogen-activated protein kinase kinase 4	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 399 aa, 44 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG11348	Observed MW: 44-50 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells,
Species Specificity: Human	

Background Information

MEK4 is also named as JNKK1, MAP2K4, MKK4, PRKMK4, SEK1, SERK1, SKK1 and belongs to the protein kinase superfamily. MEK4 is a member of the mitogen-activated protein kinase family, originally identified as a kinase involved in the stress-activated protein kinase pathway by directly phosphorylating c-Jun NH 2-terminal kinase. This protein has 2 isoforms produced by alternative splicing.

Storage

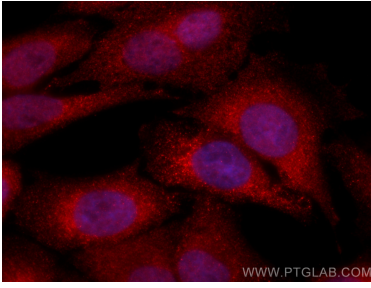
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

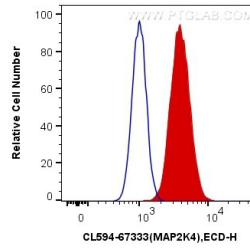
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 MAP2K4 antibody (CL594-67333, Clone: 2E4C1) at dilution of 1:200.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human MAP2K4 (CL594-67333, Clone:2E4C1) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).