

For Research Use Only

CoraLite® Plus 488-conjugated MEK1 Monoclonal antibody



Catalog Number:CL488-67872

Basic Information

Catalog Number: CL488-67872	GenBank Accession Number: BC139729	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5604	CloneNo.: 3F6D7
Source: Mouse	Full Name: mitogen-activated protein kinase kinase 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 43 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
	Observed MW: 40-50 kDa	

Applications

Tested Applications:

FC (Intra), IF

Species Specificity:

Human, rat, mouse

Positive Controls:

IF : A431 cells,

Background Information

MEK1 is also named as MAP2K1 (mitogen-activated protein kinase kinase 1), MAPKK1, PRKMK1, MKK1 and belongs to the MAP kinase kinase subfamily. It is a dual-specificity kinase that mediate ERK1 and ERK2 activation during adhesion and growth factor signaling(PMID:19219045). It also plays an essential role in extra-embryonic ectoderm during placentogenesis.

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

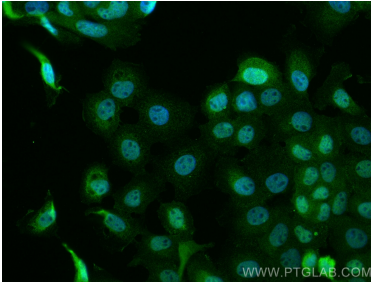
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

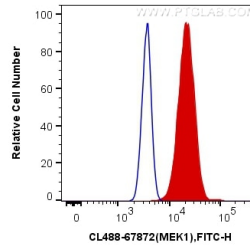
E: proteintech@ptglab.com
W: ptglab.com

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 A431 cells using CoralLite® Plus 488 MEK1 antibody (CL488-67872, Clone: 3F6D7) at dilution of 1:200.



1X10⁶ A431 cells were intracellularly stained with 0.4 ug CoralLite® Plus 488 Anti-Human MEK1 (CL488-67872, Clone:3F6D7) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).