

For Research Use Only

# CoraLite® Plus 488-conjugated MKP-2 Monoclonal antibody



Catalog Number: **CL488-66349**

## Basic Information

Catalog Number: CL488-66349	GenBank Accession Number: BC014565	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1846	CloneNo.: 1G1C12
Source: Mouse	UNIPROT ID: Q13115	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: dual specificity phosphatase 4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1206	Calculated MW: 43 kDa	
	Observed MW: 43 kDa, 33 kDa	

## Applications

Tested Applications: IF	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human, pig, rat, mouse	

## Background Information

DUSP4, also named as MKP-2, is a member of the mitogen-activated protein (MAP) kinase phosphatase family which has been suggested to play an important role in the feedback control of MAP kinase-mediated gene expression. DUSP4 preferentially inactivates ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus. DUSP4 encodes two distinct isoforms: MKP-2-L (43 kDa) and MKP-2-S (33 kDa).

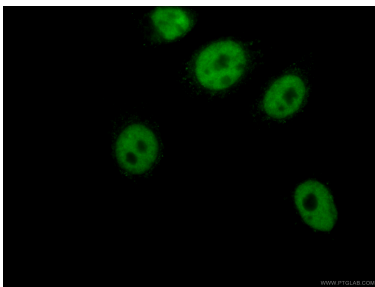
## Storage

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



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL488-66349 (MKP-2 antibody) at dilution of 1:100.