

CoraLite®594-conjugated MKP-2 Monoclonal antibody

Catalog Number: **CL594-66349**

Basic Information

Catalog Number: CL594-66349	GenBank Accession Number: BC014565	Purification Method: Protein G purification
Size: 1000 µg/ml	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: 588 nm / 604 nm
Immunogen Catalog Number: AG1206	Calculated MW: 43 kDa	
	Observed MW: 43 kDa, 33 kDa	

Applications

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

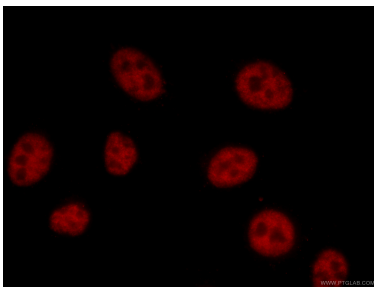
Background Information

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL594-66349 (MKP-2 antibody) at dilution of 1:100.