

For Research Use Only

CoraLite®488-conjugated MKP-2 Monoclonal antibody



Catalog Number: CL488-66349

Basic Information

Catalog Number:

CL488-66349

Size:

100UL, Concentration: 2000 µg/ml by 1846

Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1206

GenBank Accession Number:

BC014565

GeneID (NCBI):

1846

Full Name:

dual specificity phosphatase 4

Calculated MW:

43 kDa

Observed MW:

43 kDa, 33 kDa

Purification Method:

Protein G purification

CloneNo.:

1G1C12

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima wavelengths:

488 nm/515 nm

Applications

Tested Applications:

IF, ELISA

Species Specificity:

human, pig, rat, mouse

Positive Controls:

IF : HepG2 cells,

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

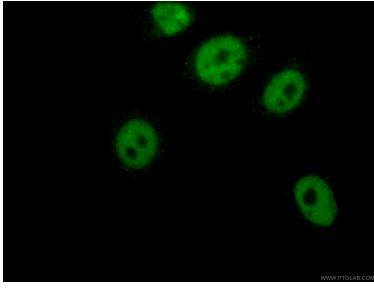
For technical support and original validation data for this product please contact:

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

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 CL488-66349 (MKP-2 antibody) at dilution of 1:100.