

For Research Use Only

CoraLite® Plus 488-conjugated MKNK2 Recombinant antibody

Catalog Number:CL488-83235



Basic Information

Catalog Number:

CL488-83235

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10546

GenBank Accession Number:

BC018345

GeneID (NCBI):

2872

UNIPROT ID:

Q9HBH9

Full Name:

MAP kinase interacting
serine/threonine kinase 2

Calculated MW:

465 aa, 52 kDa

Observed MW:

47-52 kDa

Purification Method:

Protein A purification

CloneNo.:

240045B3

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : MCF-7 cells,

Background Information

MKNK2 (MAP kinase-interacting serine/threonine-protein kinase 2) is also named as GPRK7, MNK2 and belongs to the CAMK Ser/Thr protein kinase family. It has a conserved C-terminal Erk-interacting domain, a catalytic domain with homology to the calcium/calmodulin-dependent family of kinases, and putative MAP kinase phosphorylation sites located within the T loop of the kinase domain (PMID:9155017). The breast cancer cells express either an uncharacterized form of MNK2 or a cross-reacting MNK2-like protein with the band of 72-75 kDa by western blot (PMID:17130135). MKNK2 has 2 isoforms with the molecular mass of 52 kDa and 47 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:

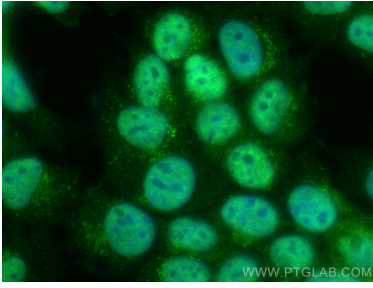
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 MKNK2 antibody (CL488-83235, Clone: 240045B3) at dilution of 1:200.