

For Research Use Only

MDMX/MDM4 Recombinant antibody, PBS Only

Catalog Number: 84534-6-PBS



Basic Information

Catalog Number:

84534-6-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26678

GenBank Accession Number:

BC067299

GeneID (NCBI):

4194

UNIPROT ID:

O15151

Full Name:

Mdm4 p53 binding protein homolog
(mouse)

Calculated MW:

490 aa, 55 kDa

Purification Method:

Protein A purification

CloneNo.:

241936A3

Applications

Tested Applications:

IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

MDM4 is also named as MDMX. It inhibits the activity of the tumor suppressor p53 by primarily cooperating with the p53 feedback regulator MDM2. MDM4 resides mostly in the cytoplasm, but can be recruited to the nucleus by MDM2. (PMID:16511572). The predicted mass of the protein is 54 kDa, while the observed mass is 70-80 kDa, a difference which is probably due to phosphorylation or other posttranslational modification (PMID:9226370, 28097652). It can be ubiquitinated and degraded by MDM2 (PMID:16163388). It has 5 isoforms produced by alternative splicing.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

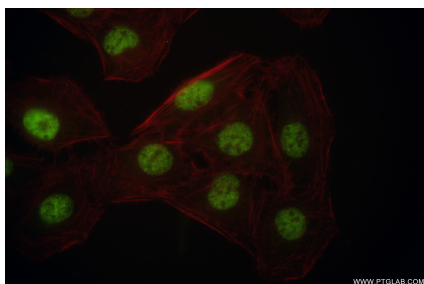
T: 4006900926

E: Proteintech-CN@ptglab.com

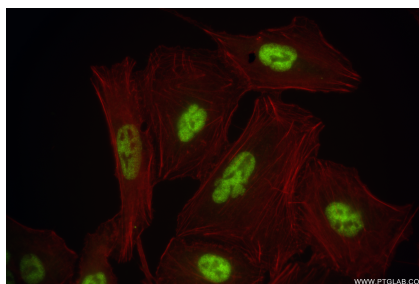
W: ptgcn.com

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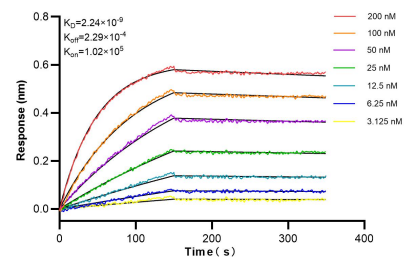
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MDMX/MDM4 antibody (84534-6-RR, Clone: 241936A3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84534-6-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using MDMX/MDM4 antibody (84534-6-RR, Clone: 241936A3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84534-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84534-6-RR against Human MDMX/MDM4 were performed. The affinity constant is 2.24 nM.