

For Research Use Only

# MKINK2 Recombinant antibody, PBS Only (Detector)

Catalog Number:83235-1-PBS



## Basic Information

Catalog Number:

83235-1-PBS

Size:

1mg/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

Purification Method:

Protein A purification

CloneNo.:

240045B3

## Applications

Tested Applications:

IF/ICC, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human

## Background Information

### 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:

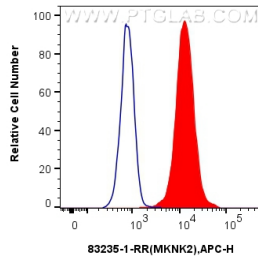
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

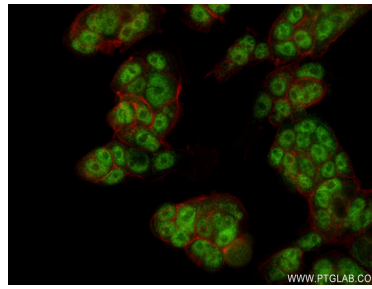
W: [ptgcn.com](http://ptgcn.com)

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

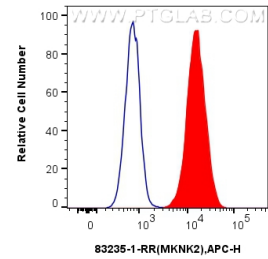
## Selected Validation Data



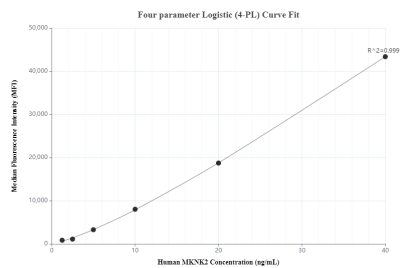
1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 ug MKNK2 Recombinant antibody (83235-1-RR, Clone:240045B3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83235-1-PBS in a different storage buffer formulation.



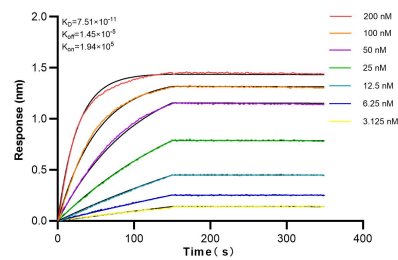
Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using MKNK2 antibody (83235-1-RR, Clone: 240045B3 ) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83235-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.25 ug MKNK2 Recombinant antibody (83235-1-RR, Clone:240045B3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83235-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00216-2, MKNK2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83235-4-PBS. Detection antibody: 83235-1-PBS. Standard: Ag10546. Range: 1.25-40 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83235-1-RR against Human MKNK2 were performed. The affinity constant is 75.1 pM.