

For Research Use Only

# NME1 Recombinant antibody

Catalog Number:85038-7-RR



## Basic Information

<b>Catalog Number:</b> 85038-7-RR	<b>GenBank Accession Number:</b> BC018994	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 4830	<b>CloneNo.:</b> 242670D5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P15531	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> non-metastatic cells 1, protein (NM23A) expressed in	
<b>Immunogen Catalog Number:</b> AG1548	<b>Calculated MW:</b> 17 kDa	
	<b>Observed MW:</b> 16-20 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, FC (Intra), ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, NIH/3T3 cells, HepG2 cells, A549 cells, MCF-7 cells, Jurkat cells, C6 cells
	<b>IF/ICC :</b> MCF-7 cells,

## Background Information

NME1 is also named as NDPKA(Nucleoside diphosphate kinase A), NM23(Metastasis inhibition factor nm23),GAAD(Granzyme A-activated DNase) and belongs to the NDK family.It is a major role in the synthesis of nucleoside triphosphates other than ATP and required for neural development including neural patterning and cell fate determination.It has 3 isoforms produced by alternative splicing.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

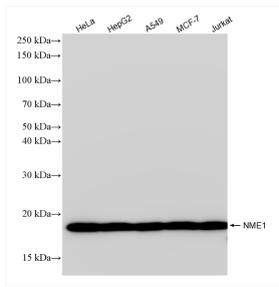
T: 4006900926

E: Proteintech-CN@ptglab.com

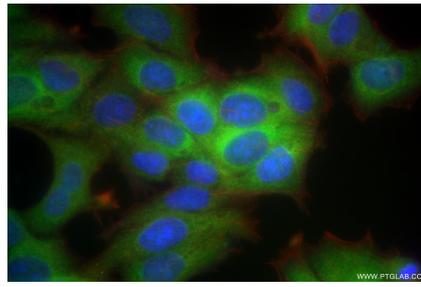
W: ptgcn.com

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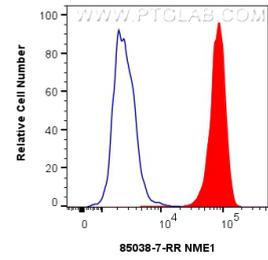
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85038-7-RR (NME1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using NME1 antibody (85038-7-RR, Clone: 242670D5 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug NME1 Recombinant antibody (85038-7-RR, Clone:242670D5) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).