

For Research Use Only

# NME2 Recombinant monoclonal antibody

Catalog Number: 85074-4-RR



## Basic Information

Catalog Number:

85074-4-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13913

GenBank Accession Number:

BC002476

GeneID (NCBI):

4831

UNIPROT ID:

P22392

Full Name:

non-metastatic cells 2, protein (NM23B) expressed in

Calculated MW:

152 aa, 17 kDa

Observed MW:

17 kDa

Purification Method:

Protein A purification

CloneNo.:

242698C3

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

FC (Intra): 0.13 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Jurkat cells, U-87 MG cells, OVCAR-3 cells, rat kidney tissue, rat liver tissue, mouse kidney tissue, mouse liver tissue

IF/ICC : Jurkat cells,

FC (Intra) : HEK-293T cells,

## Background Information

NME2(non-metastatic cells 2, protein) is also named as NDKB(Nucleoside diphosphate kinase B), NM23B and belongs to the NDK family. It is involved in the phosphorylation of nucleoside diphosphates and interacts with membrane receptor and constituting a novel molecular regulatory mechanism of GPCR endocytosis. Refer to the epitope and protein detection, this antibody specifically recognizes NME2.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

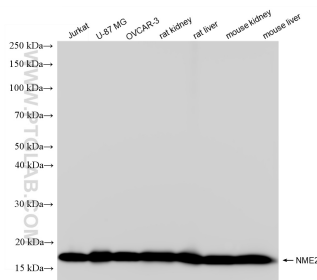
T: 4006900926

E: Proteintech-CN@ptglab.com

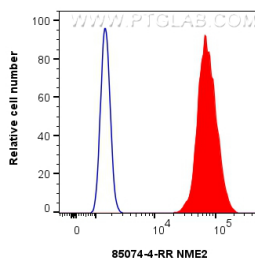
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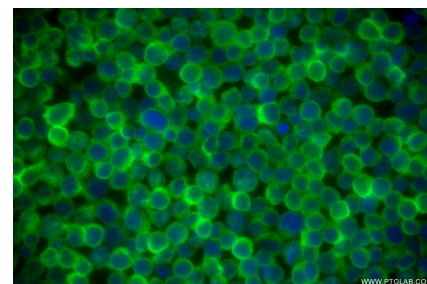
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85074-4-RR (NME2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HEK-293T cells were intracellularly stained with 0.13  $\mu$ g NME2 Recombinant antibody (85074-4-RR, Clone:242698C3) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.13  $\mu$ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using NME2 antibody (85074-4-RR, Clone: 242698C3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).