

Product Name: NME1 Mouse Monoclonal Antibody
Catalog #: AMM80851



Summary

Production Name	NME1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	NME1
Alternative Names	NB; AWD; NBS; GAAD; NM23; NDPKA; NDPK-A; NM23-H1; NME1
Gene ID	4830.0
SwissProt ID	P15531.Purified recombinant fragment of human NME1 expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	17kDa

Background

non-metastatic cells 1,protein,with a nm23 nucleoside diphosphate kinase gene family,involved in the phosphorylation of

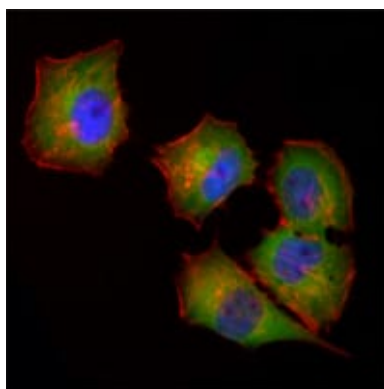
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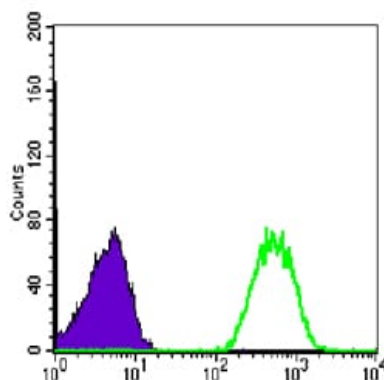
nucleoside diphosphates, with a reduced expression in tumor progression to the metastatic phenotype, mutated in aggressive neuroblastoma, expressed in lung carcinoma cell lines not in normal lung, pyrimidine biosynthetic pathway. Involved in cell proliferation, differentiation and development, signal transduction, G protein-coupled receptor endocytosis, and gene expression. Required for neural development including neural patterning and cell fate determination. Has tumor metastasis-suppressive capacity. Tissue specificity: Isoform 1 is expressed in heart, brain, placenta, lung, liver, skeletal muscle, pancreas, spleen and thymus. Expressed in lung carcinoma cell lines but not in normal lung tissues. Isoform 2 is ubiquitously expressed and its expression is also related to tumor differentiation. Isoform 3 is ubiquitously expressed.

Research Area

Image Data

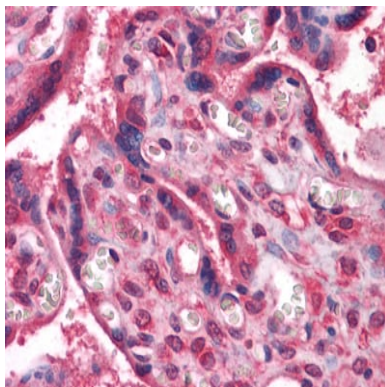


Immunofluorescence analysis of HeLa cells using NME1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Jurkat cells using NME1 mouse mAb (green) and negative control (purple).

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Immunohistochemical analysis of paraffin-embedded human Placenta tissues using anti-NME1 mouse mAb

Note

For research use only.