

Mouse Monoclonal Antibody to NME1

Catalogue Number	sAP-0404
Target Molecule	Name: NME1 Aliases: NB; AWD; NBS; GAAD; NM23; NDPKA; NDPK-A; NM23-H1; NME1 MW: 17kDa Entrez Gene ID: 4830
Description	non-metastatic cells 1,protein,with a nm23 nucleoside diphosphate kinase gene family,involved in the phosphorylation of nucleoside diphosphates,with a reduced expression in tumor progression to the metastatic phenotype,muted 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 in all tissues.
Immunogen	Purified recombinant fragment of human NME1 expressed in E. Coli. ;
Recitative Species	Human
Clone	MM4B2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Cell Biochem. 2009 Mar 1;106(4):666-72. ; 2. FEBS Lett. 2009 Sep 3;583(17):2789-92. ; 3. PLoS One. 2009 Nov 23;4(11):e7949.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**