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Datasheet for ABIN969317 anti-NME1 antibody

4 Images

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Overview

Quantity:	100 µL
Target:	NME1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NME1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human NME1 expressed in E. coli.
Clone:	4B2
lsotype:	lgG1
Purification:	purified

Target Details

NME1 Products)
tion: non-metastatic cells 1,protein,with a nm23 nucleoside diphosphate kinase gene
nvolved in the phosphorylation of nucleoside diphosphates, with a reduced expression in progression to the metastatic phenotype, mutated in agressive neuroblastoma, expressed

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	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:
	lsoform 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.
	Aliases: NB, AWD, NBS, GAAD, NM23, NDPKA, NDPK-A, NM23-H1, NME1
Molecular Weight:	17 kDa
Gene ID:	4830
HGNC:	4830
Pathways:	Apoptosis, Nucleotide Phosphorylation, Carbohydrate Homeostasis, Ribonucleoside
	Biosynthetic Process

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	

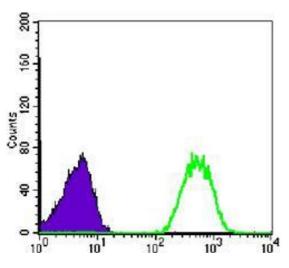
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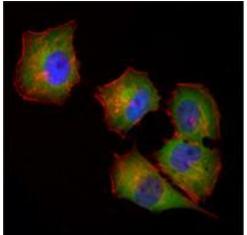
Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in

oral lichen planus." in: Journal of oral science, Vol. 51, Issue 3, pp. 355-65, (2009) (PubMed).

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Images





Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using NME1 mouse mAb (green) and negative control (purple).

Immunofluorescence

Image 2. 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.

Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded human Placenta tissues using anti-NME1 mouse mAb

Please check the product details page for more images. Overall 4 images are available for ABIN969317.

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