

NM23-H1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0946
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human NM23-H1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	Nucleoside diphosphate kinase A
Synonyms	NME1; NDPKA; NM23; Nucleoside diphosphate kinase A; NDK A; NDP kinase A; Granzyme A-activated DNase; GAAD; Metastasis inhibition factor nm23; Tumor metastatic process-associated protein; nm23-H1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.

Recommended Dilution

FC: 1:200 - 1:400

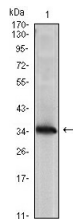
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

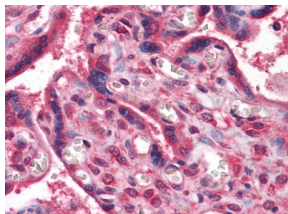
WB: 1:500 - 1:2000

Not yet tested in other applications.

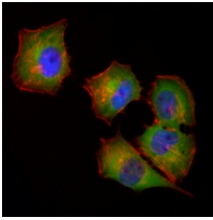
Images



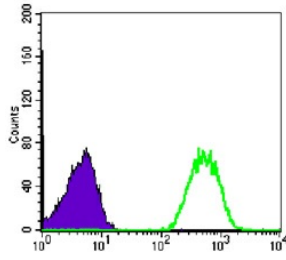
Western Blot analysis using NM23-H1 Monoclonal antibody against NME1-hIgGfC transfected HEK293 cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Placenta tissues with AEC staining using NM23-H1 Monoclonal antibody.



Immunofluorescence analysis of HeLa cells using NM23-H1 Monoclonal antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Jurkat cells using NM23-H1 Monoclonal antibody (green) and negative control (purple).

Storage

-20°C for one year

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