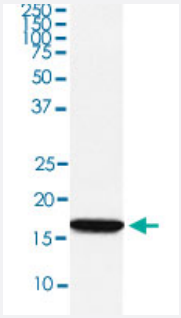
NME1 monoclonal antibody, clone AEID-14

Catalog # MAB22136 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NME1.
Immunogen	A synthetic peptide corresponding to human NME1.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human NME1, in native form and recombinant. Superfamily members of NME1 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western blot analysis of Jurkat cell lysate.

Gene Info — NME1

Entrez GeneID	4830
Protein Accession#	P15531
Gene Name	NME1
Gene Alias	AWD, GAAD, NB, NBS, NDPK-A, NDPKA, NM23, NM23-H1
Gene Description	non-metastatic cells 1, protein (NM23A) expressed in
Omim ID	156490 256700
Gene Ontology	Hyperlink
Gene Summary	This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metasta tic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded b y this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in a ggressive neuroblastomas. Two transcript variants encoding different isoforms have been found f or this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generat es naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of se quence sharing identity with each individual gene product. [provided by RefSeq

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Other Designations	NDP kinase A|OTTHUMP00000174772

Pathway

- Metabolic pathways
- Purine metabolism
- Pyrimidine metabolism

Disease

- Breast cancer
- Breast Neoplasms
- Carcinoma
- Endometrial Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Neoplasm Metastasis

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