

**Name: NME1 mouse monoclonal antibody, clone UMAB91**  
**Product Data Sheet - UltraMAB**

**Catalog: UM800022**

Gene Name: Homo sapiens NME/NM23 nucleoside diphosphate kinase 1 (NME1), transcript variant 1  
GeneBank accession: NM\_198175  
Isotype: IgG2a

Reactivity: Human  
Test application: WB  
Clone Name: Clone UMAB91

**Gene Synonym:** AWD; GAAD; NB; NBS; NDKA; NDPK-A; NDPKA; NM23; NM23-H1

**Validation Data:**

**Western Blot**

**Guaranteed Applications:** IHC, 10K-CHIP

**Suggested Dilutions:** IHC 1:100,

**Immunogen:** Full length human recombinant protein of human NME1 (NP\_937818) produced in E.coli.

**Components:**

- NME1 mouse monoclonal antibody, clone UMAB91 (UM800022)

**Amount:**

UM800022 100ul

**Concentration:** 0.5~1.0 mg/ml (Lot Dependent)

**Storage Condition:** Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

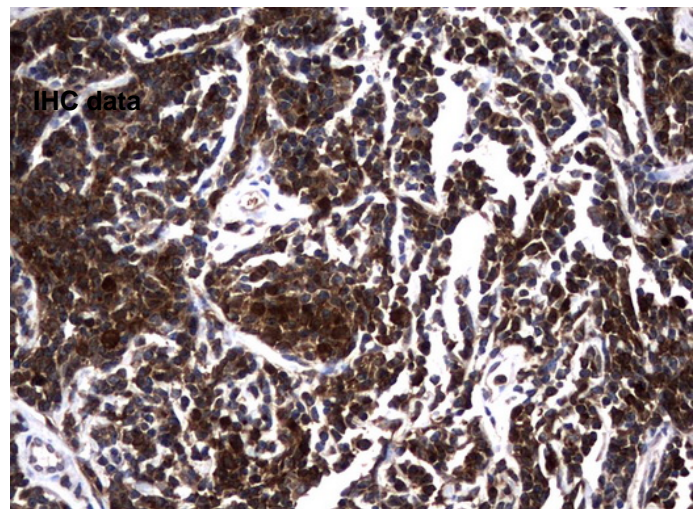
**Buffer:** PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Purification:**

Purified from mouse ascites fluids by affinity chromatography

**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. [provided by RefSeq, Jul 2008].



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-NME1 mouse monoclonal antibody. (UM800022)

**Related Product:**

TrueORF cDNA clones  
VERIFY Tagged Antigen lysates  
HuSH-29 shRNA  
Western Blot reagents  
Anti-myc/DDK tag antibodies

\* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

\* More validation images may be available on our website:

<http://www.origene.com/antibody/UM800022.aspx>

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***