

## Datasheet

### NME1 monoclonal antibody (M02A), clone 1D7

**Catalog Number:** H00004830-M02A

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant NME1.

**Clone Name:** 1D7

**Immunogen:** NME1 (NP\_000260, 43 a.a. ~ 152 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

ASEDLLKEHYVDLKDRPFFAGLVKYMHS GPVVAMVW  
EGLNVVKTGRV MLGETNPADSKPGTIRGDFCIQVGRNI  
IHGSDSVESAEKEIGLWFHPEELVDYTSCAQNWIYE

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Ce, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In ascites fluid

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4830

**Gene Symbol:** NME1

**Gene Alias:** AWD, GAAD, NB, NBS, NDPK-A, NDPKA, NM23, NM23-H1

**Gene Summary:** 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]