

## 36-2863: Anti-NME1 / nm23-H1 / NDPK-A (Suppressor of Metastasis) Monoclonal Antibody(Clone: CPTC-NME1-2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CPTC-NME1-2
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	NME1
<b>Gene ID :</b>	4830
<b>Uniprot ID :</b>	P15531
<b>Alternative Name :</b>	AWD; GAAD; Granzyme A activated DNase; Metastasis inhibition factor NM23; NB; NBS; NDP kinase A; NM23 long variant, included; NM23H1B; NME/NM23 nucleoside diphosphate kinase 1; NME1-NME2 spliced read-through transcript, included; Non-metastatic protein 23, homolog 1; Nucleoside diphosphate kinase A; Tumor metastatic process-associated protein
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Recombinant full-length human NME1 protein

### Description

The nm23 gene, a potential suppressor of metastasis, was originally identified by differential hybridization between two murine melanoma sub-lines, one with a high and the second with a low metastatic capacity. Highly metastatic sub-lines exhibit much lower levels of nm23 than less metastatic cells. Based on sequence analysis, nm23 appears highly related to nucleotide diphosphate kinases (NDP-K). In humans, NDP kinase A and B are identical to two isotypes of human nm23 homologs, namely nm23-H1 and H2, respectively. nm23-H2 is identical in sequence to PuF, a transcription factor that binds to nuclease hypersensitive elements at positions 142 to 115 of the human C-Myc promotor.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Western Blot (1-2ug/ml);

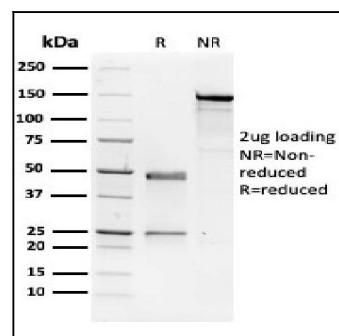


Fig. 1: SDS-PAGE Analysis Purified NME1 / nm23-H1 Mouse Monoclonal Antibody (CPTC-NME1-2). Confirmation of Purity and Integrity of Antibody.