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

Clonality :	Monoclonal
Clone Name :	CPTC-NME1-2
Application :	WB
Reactivity :	Human
Gene :	NME1
Gene ID :	4830
Uniprot ID :	P15531
Alternative Name :	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-throÂµgh transcript, included; Non-metastatic protein 23, homolog 1; Nucleoside diphosphate kinase A; Tumor metastatic process-associated protein
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	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

Amount :	20 µg / 100 µg
Content :	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.
Storage condition :	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);

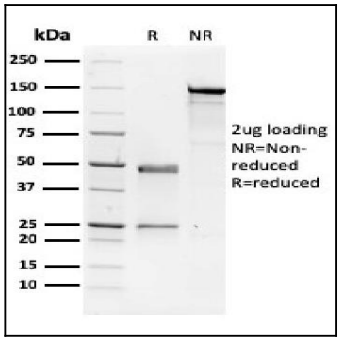


Fig. 1: SDS-PAGE Analysis Purified NME1 / nm23-H1 Mouse Monoclonal Antibody (CPTC-NME1-2). Confirmation of Purity and Integrity of Antibody.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.