

NME1 / nm23-H1 / NDPK-A (Suppressor of Metastasis) Antibody

Mouse Monoclonal Antibody [Clone CPTC-NME1-2]

Catalog No	Format	Size
4830-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4830-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4830-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

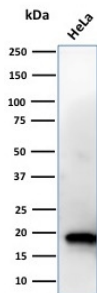
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

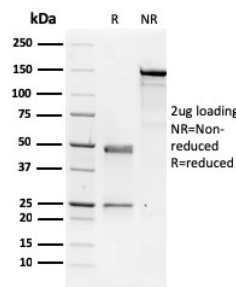
Clone	CPTC-NME1-2
Gene Name	NME1
Immunogen	Recombinant full-length human NME1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	23kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	Brain, HepG2 or HeLa whole cell lysates. Human heart, placenta and lung carcinoma.

*Optimal dilution for a specific application should be determined.

Product Images for NME1 / nm23-H1 / NDPK-A (Suppressor of Metastasis) Antibody



Western Blot Analysis of HeLa cell lysate using NME1 / nm23-H1 Mouse Monoclonal Antibody (CPTC-NME1-2).



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

Specificity & Comments

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 promoter.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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Supplied As

200ug/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 and Stability

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. No MSDS required.