Catalog # 4831-MSM10
Product Datasheet

NME2 / nm23-H2 / NDPK-B (Suppressor of Metastasis) Antibody

Mouse Monoclonal Antibody [Clone NME2/12061]

Catalog No	Format	Size
4831-MSM10-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug
4831-MSM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4831-MSM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug

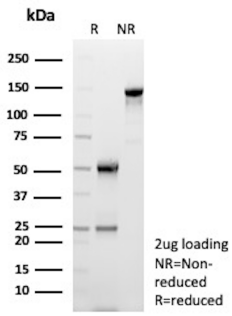
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

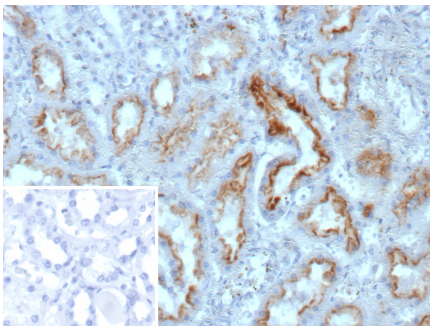
Clone	NME2/12061
Gene Name	NME2
Immunogen	Recombinant full-length human NME2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	17kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	Ubiquitously expressed in all tissues.

**Optimal dilution for a specific application should be determined.*

Product Images for NME2 / nm23-H2 / NDPK-B (Suppressor of Metastasis) Antibody



SDS-PAGE Analysis of Purified NME2 Mouse Monoclonal Antibody (NME2/12061). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human kidney stained with NME2 Mouse Monoclonal Antibody (NME2/12061). Inset: PBS instead of primary antibody; secondary only negative control.

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). In humans, NDP kinases 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.

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.

Research Areas

Immunology

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.