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

Rabbit Monoclonal Antibody [Clone NME2/12953R]

Catalog No	Format	Size
4831-RBM11-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4831-RBM11-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4831-RBM11-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

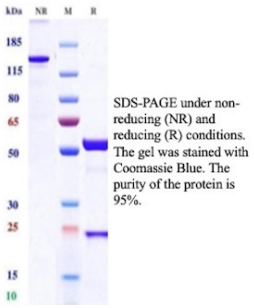
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	NME2/12953R
Gene Name	NME2
Immunogen	Recombinant full-length human NME2 protein
Host	Rabbit
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. HeLa, MCF7

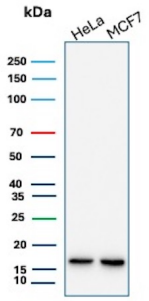
**Optimal dilution for a specific application should be determined.*

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



SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is 95%.

SDS-PAGE Analysis of Purified NDPK-B Recombinant Rabbit Monoclonal Antibody (NME2/12953R). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of HeLa and MCF7 cell lysates using NME2Recombinant Rabbit Monoclonal Antibody (NME2/12953R).

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.