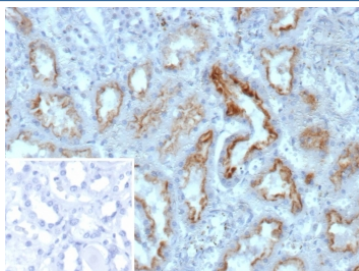


## Nucleoside diphosphate kinase B Antibody / NDKB / NME2 [clone NME2/12061] (V5770)

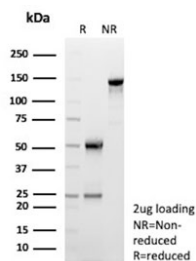
Catalog No.	Formulation	Size
V5770-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5770-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5770SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG, kappa
<b>Clone Name</b>	NME2/12061
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P22392
<b>Localization</b>	Cytoplasm, Nucleus
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This Nucleoside diphosphate kinase B antibody is available for research use only.



IHC staining of FFPE human kidney tissue with Nucleoside diphosphate kinase B antibody (clone NME2/12061). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Nucleoside diphosphate kinase B antibody (clone NME2/12061) as confirmation of integrity and purity.

## 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). In humans, NDP kinases A and B are identical to two isoforms 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.

## Application Notes

Optimal dilution of the Nucleoside diphosphate kinase B antibody should be determined by the researcher.

## Immunogen

A recombinant full-length human NME2 protein was used as the immunogen for the Nucleoside diphosphate kinase B antibody.

## Storage

Aliquot the Nucleoside diphosphate kinase B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.