



RABBIT ANTI-HUMAN NM 23 (H1, H2) POLYCLONAL ANTIBODY

CATALOG NUMBER:	CBL446	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	0.1 mg/mL
ALTERNATE NAMES:	Nonmetastatic Protein 23;Nucleoside Diphosphate (NDP) Kinase-A (NDPKA) and -B	EPITOPE:	a.a. 86-102
SPECIFICITY:	The antibody reacts with two major bands at 18.5 kDa (H2) and 17 kDa (H1) on immunoblots of whole cell lysates of human breast cancer cell line MCF-7. nm 23 (NME2) encodes nucleoside diphosphate kinases that are expressed on the cell surface. The concentration of NDP kinase B increases in proliferating normal cells and a reduced nm 23 expression correlates, in certain tumours and cell lines, with high metastatic potential.		
APPLICATIONS:	Immunoblotting studies of nm 23 expression Optimal working dilutions must be determined by the end user.		
SPECIES REACTIVITY:	Reacts with Human. Reactivity with other species has not been determined.		
IMMUNOGEN:	Synthetic peptide: Cys-Thr-Gly-Arg-Val-Met-Leu-Gly-Glu-Thr-Asn-Pro-Ala-Asp-Ser-Lys-Pro-Gly selected from the human nm 23 H1 and H2 gene product sequence (aa 86-102). Two amino acid changes exist in the aligned region of the Drosophila AWD protein.		
FORMAT:	Purified by Protein-A affinity chromatography.		
PRESENTATION:	The purified immunoglobulin is presented in phosphate buffered saline containing 10mM sodium azide. We recommend that each laboratory determine an optimum working titre for use in its particular application.		
STORAGE/HANDLING:	For use within 1 month of purchase store at +4°C, for long term storage aliquot antibody into small volumes and store at -20°C for up to one year.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.

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