

For Research Use Only

B23 Monoclonal antibody

Catalog Number: 60096-2-Ig



Basic Information

Catalog Number: 60096-2-Ig	GenBank Accession Number: BC002398	Purification Method: Caprylic Acid/Ammonium Sulfate Precipitation
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4869	CloneNo.: 9E3F12
Source: Mouse	Full Name: nucleophosmin (nucleolar phosphoprotein B23, numatrin)	
Isotype: IgG1	Calculated MW: 33 kDa	
Immunogen Catalog Number: AG7415		

Applications

Tested Applications:
ELISA

Species Specificity:
human

Background Information

Nucleophosmin (NPM1,B23) is a putative ribosome assembly factor with a high affinity for peptides containing nuclear localization signals (NLSs). The transport of proteins across the nuclear envelope is a selective, multistep process involving several cytoplasmic factors. Proteins must be recognized as import substrates, dock at the nuclear pore complex and translocate across the nuclear envelope in an ATP-dependent fashion. Several cytosolic and nuclear proteins that are central to this process have been identified. The 38 kDa nuclear protein nucleophosmin is involved in ribosomal assembly and rRNA transport. It is an abundant protein that is highly phosphorylated by Cdc2 kinase during mitosis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data