

Product datasheet for TA347011

Nucleophosmin (NPM1) Mouse Monoclonal Antibody [Clone ID: 2D9-C3-E5]

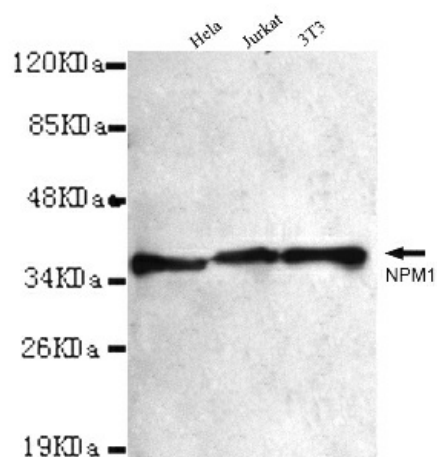
Product data:

Product Type:	Primary Antibodies
Clone Name:	2D9-C3-E5
Applications:	WB
Recommend Dilution:	WB: 1:1000, IF: 1:200
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for NPM1 antibody: purified recombinant full length of human NPM1 protein expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Predicted Protein Size:	38 kDa
Gene Name:	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
Database Link:	NP_002511 Entrez Gene 18148 MouseEntrez Gene 4869 Human
Background:	This gene encodes a phosphoprotein which moves between the nucleus and the cytoplasm. The gene product is thought to be involved in several processes including regulation of the ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular the anaplastic lymphoma kinase gene on chromosome 2. Mutations in this gene are associated with acute myeloid leukemia. More than a dozen pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.
Synonyms:	B23; NPM
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors



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Product images:



Western blot detection of NPM1 in HeLa, Jurkat and 3T3 cell lysates using NPM1 mouse mAb (1:1000 diluted). Predicted band size: 33 kDa. Observed band size: 38 kDa.