

## 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
Recommended 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
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
Database Link:	<a href="#">NP_002511</a> <a href="#">Entrez Gene 18148 Mouse</a> <a href="#">Entrez Gene 4869 Human</a> <a href="#">P06748</a>
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



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**Protein Families:** Druggable Genome, Stem cell - Pluripotency, Transcription Factors