

## Product datasheet for **BM5524**

### Nucleophosmin (NPM1) Mouse Monoclonal Antibody [Clone ID: No-63]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	No-63
Applications:	IF, IHC, IP, WB
Recommended Dilution:	<u>Immunoblotting</u> : 1:1000 - 1:2000; ECL method; for blotting transfer nitrocellulose sheets are superior to nylon sheets. <u>Immunoprecipitation</u> : from <i>Xenopus</i> oocyte extracts nucleoplasm - a 30 kD protein - is co-precipitated, which shows high sequence homology to NO38. <u>Immunofluorescence microscopy</u> . <u>Immunohistochemistry on frozen sections</u> : 1:300 - 1:500; 1 h at RT; also after fixation with paraformaldehyde.
Reactivity:	Chicken, <i>Xenopus</i>
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Nucleolar fraction prepared from <i>Xenopus laevis</i> oocytes
Specificity:	The antibody recognizes a 38 kD nucleolar protein (NO38) in <i>Xenopus</i> (this protein has also been termed B23, nucleophosmin, numatrin in other species). No-63 stains specifically the granular component of the nucleolus and small nucleolar dots in interphase cells. During mitosis the protein is localized accumulated around the condensed chromosomes.
Formulation:	State: Ascites State: Liquid Ascites containing 0.09% NaN <sub>3</sub>
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in small aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
Database Link:	<a href="#">P06748</a>
Synonyms:	NPM, NPM1, Numatrin



[View online »](#)