

## Product Datasheet

# NPM1 Mouse mAb

Catalog No: AB3115

Reactivity: Human, Mouse

Isotype: Mouse IgG1

Applications: WB



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### Information

**UniProt ID:** P06748

**All Names:** NPM isoform 1; NPM1; Nucleolar phosphoprotein B23; Nucleolar protein NO38; Numatrin; nucleophosmin;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

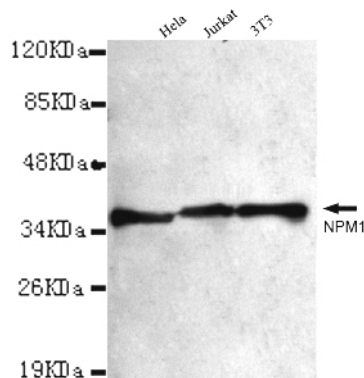
**Molecular Wt.:** 38KDa

### Application

WB 1:1000

### Background

Involved in diverse cellular processes such as ribosome biogenesis, centrosome duplication, protein chaperoning, histone assembly, cell proliferation, and regulation of tumor suppressors p53/TP53 and ARF. Binds ribosome presumably to drive ribosome nuclear export. Associated with nucleolar ribonucleoprotein structures and bind single-stranded nucleic acids. Acts as a chaperonin for the core histones H3, H2B and H4.



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

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