



Nucleophosmin mouse mAb(ABT486)

Catalog No	YP-Ab-15677
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC-p;IF(paraffin section)
Gene Name	NPM1 NPM
Protein Name	Nucleophosmin
Immunogen	Synthesized peptide derived from human Nucleophosmin
Specificity	The antibody can specifically recognize human Nucleophosmin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.54% sodium azide.
Source	Monoclonal, Mouse/IgG2a, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500, IF 1:100-500
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Nucleophosmin (NPM;Nucleolar phosphoprotein B23;Nucleolar protein NO38;Numatrin)
Observed Band	
Cell Pathway	Nucleus, nucleolus . Nucleus, nucleoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Generally nucleolar, but is translocated to the nucleoplasm in case of serum starvation or treatment with anticancer drugs. Has been found in the cytoplasm in patients with primary acute myelogenous leukemia (AML), but not with secondary AML. Can shuttle between cytoplasm and nucleus. Co- localizes with the methylated form of RPS10 in the granular component (GC) region of the nucleolus. Colocalized with nucleolin and APEX1 in nucleoli. Isoform 1 of NEK2 is required for its localization to the centrosome during mitosis.
Tissue Specificity	Nuclear, Cytoplasmic
Function	
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images