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Nucleophosmin (AB1362) mouse mAb

W0380

Key Features

Host Species
- Mouse

Reactivity
- Human;

Applications
- IHC; WB; IF; ELISA

MW
- 32 kDa (calculated)
- 33 kDa (observed)

Isotype
- IgG2b, kappa

Recommended Dilution Ratios

Application	Dilution
IHC; WB; IF; ELISA	IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions	Store at-20℃. Avoid freeze / thaw cycles.
Storage buffer	The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1362
Immunogen	A synthetic peptide corresponding to the amino acid region 100 - 200 of the human Nucleophosmin protein.
Specificity	The antibody can specifically recognize human Nucleophosmin protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	NPM1
Protein Name	Nucleophosmin

Database Link

Organism	Swiss Prot.	Gene ID
Human	P06748	4869

Background

Nucleophosmin is the most abundant nuclear phosphoprotein in cells, which usually accumulates in the cytoplasm. Generally speaking, the content of tumor growing cells is higher than that of normal quiescent cells. It can be used as a nuclear marker, as well as for the observation of the efficacy of anticancer drugs and the study of cell apoptosis.