

Nucleophosmin (AB1444) mouse mAb

V0422

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

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

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. 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	AB1444
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 NPM
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.
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