

## Nucleophosmin (AB1362) mouse mAb

V0420

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human;

#### Applications

- Immunohistochemistry (IHC)

#### MW

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

#### Isotype

- IgG2b, 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

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

### Target Information

|                      |                 |                    |                |
|----------------------|-----------------|--------------------|----------------|
| <b>Gene name</b>     | NPM1            |                    |                |
| <b>Protein Name</b>  | Nucleophosmin   |                    |                |
| <b>Database Link</b> | <b>Organism</b> | <b>Swiss Prot.</b> | <b>Gene ID</b> |
|                      | Human           | P06748             | 4869           |

|                   |                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background</b> | 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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