

Stathmin (AB1418) mouse mAb

V0456

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 17 kDa (calculated)
- 17 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	AB1418
Immunogen	A synthetic peptide corresponding to the amino acid region 1 - 100 of the human Stathmin protein.
Specificity	The antibody can specifically recognize human Stathmin 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	STMN1		
Protein Name	Stathmin		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P16949	3925

Background	Stathmin is a widely existing cytoplasmic phosphoprotein, which can transfer and integrate signals in the cell environment. It can promote the depolymerization of microtubules and avoid the polymerization of microtubules. Stathmin is a specific marker to distinguish low-grade and high-grade cervical intraepithelial neoplasia. Its expression is related to the sensitivity of lung cancer and leukemia to chemotherapeutic drugs.
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