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Stathmin (AB1429) mouse mAb

W0427

Key Features

Host Species
- Mouse

Reactivity
- Human; Rat;

Applications
- IHC; WB; IF; ELISA

MW
- 17 kDa (calculated)
- 17 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	AB1429
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. In western blotting of Hela cell lysate, the antibody can label a 17 kDa band corresponding to Stathmin.
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.