

Stathmin (ABT396) Mouse mAb

Catalog No :	YM6104
Reactivity :	Human (predicted: Rat)
Applications :	IHC;WB;ELISA
Target :	Stathmin 1
Fields :	>>MAPK signaling pathway;>>MicroRNAs in cancer
Gene Name :	STMN1 C1orf215 LAP18 OP18
Protein Name :	C1orf215;Lag;LAP 18;LAP18;Leukemia associated phosphoprotein p18;Leukemia-associated phosphoprotein p18;Metablastin;Oncoprotein 18;OP 18;Op18;p18;p19;Phosphoprotein 19;Phosphoprotein p19;pp17;pp19;PR2
Human Swiss Prot No :	P16949
Mouse Swiss Prot No :	P54227
Rat Swiss Prot No :	P13668
Immunogen :	Synthesized peptide derived from human Stathmin AA range: 1-100
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.. The antibody was also Predict
Formulation :	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source :	Monoclonal Mouse IgG2b, Kappa
Dilution :	IHC 1:200-400, WB 1:500-1000, ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

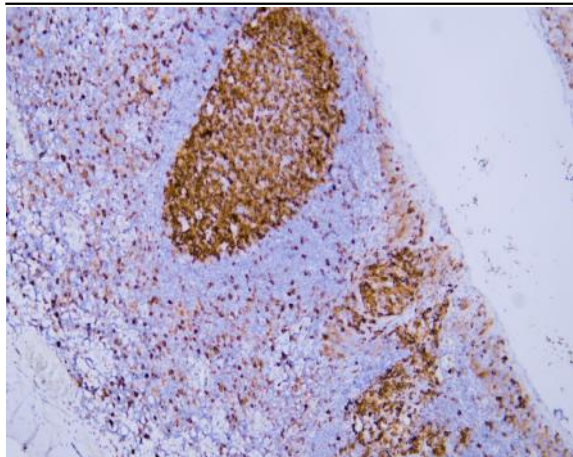
Molecularweight : 16kD

Background : This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2009],

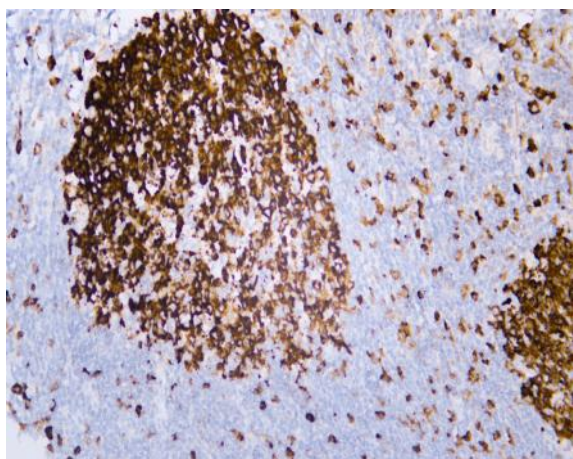
Function : disease:Present in much greater abundance in cells from patients with acute leukemia of different subtypes than in normal peripheral blood lymphocytes, non-leukemic proliferating lymphoid cells, bone marrow cells, or cells from patients with chronic lymphoid or myeloid leukemia.,function:Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly and promotes disassembly of microtubules. Phosphorylation at Ser-16 may be required for axon formation during neurogenesis. Involved in the control of the learned and innate fear.,PTM:Many different phosphorylated forms are observed depending on specific combinations among the sites which can be phosphorylated. MAPK is responsible for the phosphorylation of stathmin in response to NGF. Phosphorylation at Ser-16 seems to be required for neuron polarization (By similarity). Phosphorylation at

Subcellular Location : Cytoplasmic**Expression :** Tonsil**Tag :** hot**Sort :** 999**No4 :** 1**Speciality :** IHC antibodies**Host :** Mouse**Modifications :** Unmodified

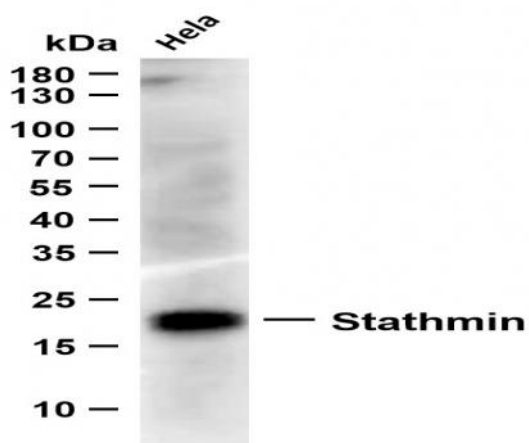
Products Images



Human tonsil tissue was stained with Anti-Stathmin (ABT396) Antibody



Human tonsil tissue was stained with Anti-Stathmin (ABT396) Antibody



Whole cell lysates were separated by 12% SDS-PAGE, and the membrane was blotted with anti-Stathmin (ABT396) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Predicted band size: 17kDa Observed band size: 17kDa