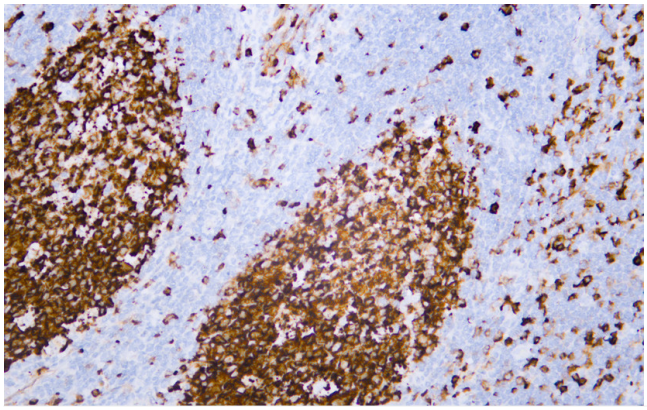
Stathmin (ABT347) Mouse mAb

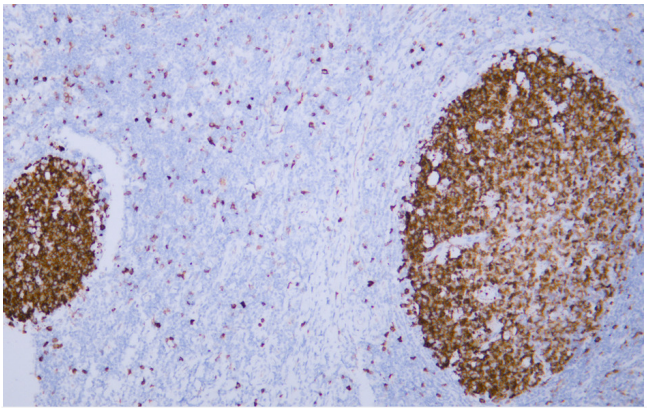
Catalog No	BYab-15203
Isotype	IgG
Reactivity	Human; Predict react with Rat
Applications	IHC,WB
Gene Name	STMN1 C1orf215 LAP18 OP18
Protein Name	C1orf215;Lag;LAP 18;LAP18;Leukemia associated phosphoprotein p18;Leukemia-associated phosphoprotein p18;Metablastin;Oncoprotein 18;OP 18;Op18;p18;p19;Phosphoprotein 19;Phosphoprotein p19;pp17;pp19;PR2
Immunogen	Synthesized peptide derived from human Stathmin
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.
Formulation	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source	Monoclonal Mouse IgG2a, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:200-400,WB: 500-1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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;PR22;Pr22 protein;Prosolin;Protein Pr22;SMN;Stathmin;Stathmin1;STMN 1;Stmn1;STMN1_HUMAN
Observed Band	
Cell Pathway	Cytoplasmic
Tissue Specificity	Tonsil
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
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Human tonsil tissue was stained with Anti-Stathmin (ABT347) Antibody



Human tonsil tissue was stained with Anti-Stathmin (ABT347) Antibody