



Mouse Anti-Human Stathmin monoclonal antibody, clone JID778 (CABT-L2963)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.

Specificity Human Stathmin

Isotype IgG

Source/Host Mouse

Species Reactivity Human

Clone JID778

Conjugate Unconjugated

Applications IHC

Reconstitution The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.

Positive Control Tonsil, Cervical Intraepithelial Neoplasia-High Grade

Format Liquid

Size Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml

Buffer Predilute: Antibody Diluent Buffer

Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

Preservative < 0.1% Sodium Azide

Storage Store at 2-8°C. Do not freeze.

Ship Wet ice

BACKGROUND

Introduction Stathmin regulates microtubule dynamics in the cell cycle. It is present in all tissues, but is mostly pronounced in constantly proliferating cell types. Since Anti-Stathmin staining has been found to correlate with cervical intraepithelial neoplasia (CIN) grade, CIN 3 presents the greatest expression and CIN1 displays the least expression of stathmin.

Keywords STMN1;stathmin
1;Lag;SMN;OP18;PP17;PP19;PR22;LAP18;C1orf215;stathmin;prosolin;metablastin;oncoprotein 18;phosphoprotein 19;phosphoprotein p19;stathmin 1/oncoprotein 18;transmembrane protein C1orf215;leukemia-associated phosphoprotein p18;

GENE INFORMATION

Gene Name STMN1 stathmin 1 [Homo sapiens (human)]

Official Symbol STMN1

Synonyms STMN1; stathmin 1; Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215; stathmin; prosolin; metablastin; oncoprotein 18; phosphoprotein 19; phosphoprotein p19; stathmin 1/oncoprotein 18; transmembrane protein C1orf215; leukemia-associated phosphoprotein p18;

Entrez Gene ID [3925](#)

Protein Refseq NP_001138926

UniProt ID [P16949](#)

Chromosome Location 1p36.11

Pathway Aurora B signaling; Integrated Pancreatic Cancer Pathway; MAPK signaling pathway; MicroRNAs in cancer; RB in Cancer; Regulation of Microtubule Cytoskeleton; Signaling mediated by p38-gamma and p38-delta;

Function signal transducer activity; tubulin binding;