



## Rabbit Anti-STMN1 monoclonal antibody, clone TT1564 (DCABH-1259)

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

### PRODUCT INFORMATION

<b>Target</b>	Stathmin 1
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TT1564
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC, IHC, IP, FC
<b>Molecular Weight</b>	18 kDa
<b>Cellular Localization</b>	Cytoplasm
<b>Positive Control</b>	PC-12, SH-SY-5Y, HeLa, human tonsil tissue, human breast carcinoma tissue, mouse testis tissue, mouse spinal cord tissue, mouse brain tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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<b>Preservative</b>	0.05% Sodium Azide
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<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## BACKGROUND

**Introduction** Op18 (for oncoprotein 18, also designated stathmin, prosolin or metablastin) is a conserved, tubulin-associated, intracellular phosphoprotein . Many different phosphorylated forms of Op18 are observed, and it is expressed as two different isoforms. Op18 is considered a critical regulator of microtubulin dynamics and is downregulated by p53. It serves as a transducing protein, via phosphorylation, for a variety of cell signaling pathways and involved in both mitosis and differentiation. Op18 is present in many cancers, including breast carcinomas, and is highly expressed in acute leukemias of different subtypes.

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**Keywords** 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 antibody

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