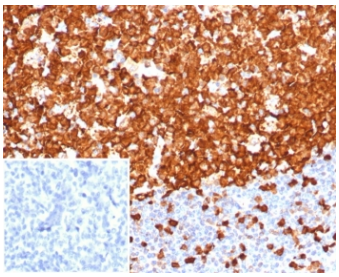
Stathmin 1 Antibody STMN1/8001R / Op18 Rabbit MAb [clone STMN1/8001R] (V4670)

Catalog No.	Formulation	Size
V4670-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4670-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4670SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	STMN1/8001R
Purity	Protein A/G affinity
UniProt	P16949
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Stathmin 1 Antibody STMN1/8001R / Op18 Rabbit MAb is available for research use only.



IHC staining of FFPE human tonsil tissue with Stathmin 1 Antibody STMN1/8001R / Op18 Rabbit MAb. Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

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 phophorylation, for a variety of cell signaling pathways and is 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.

Explore our STMN1 Antibody R31986 for additional research tools targeting stathmin 1, with validation data spanning Western blot, immunohistochemistry, immunofluorescence, and flow cytometry.

Application Notes

Optimal dilution of the Stathmin 1 Antibody STMN1/8001R / Op18 Rabbit MAb should be determined by the researcher.

Immunogen

A recombinant fragment of human STMN1 protein was used as the immunogen for the Stathmin 1 antibody.

Storage

Aliquot the Stathmin 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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