Recombinant Stathmin 1 / STMN1 Antibody

Rabbit Monoclonal Antibody [Clone STMN1/9227R]

Catalog No	Format	Size
3925-RBM12-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3925-RBM12-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3925-RBM12-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

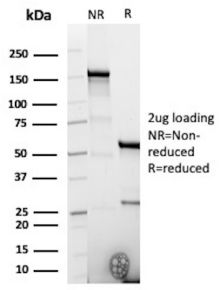
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

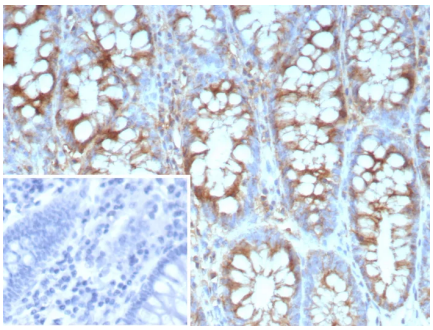
Clone	STMN1/9227R
Gene Name	STMN1
Immunogen	Recombinant fragment (around aa1-148) of human STMN1 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	19kDa
Cellular Localization	Cytoplasm. Cytoskeleton.
Species Reactivity	Human
Positive Control	Human brain or melanoma tissue.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Stathmin 1 / STMN1 Antibody



SDS-PAGE Analysis of Purified Stathmin Recombinant Rabbit Monoclonal Antibody (STMN1/9227R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human colon carcinoma stained with Stathmin 1 Recombinant Rabbit Monoclonal Antibody (STMN1/9227R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

MAPK Signaling, Signal Transduction

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.