

Nur für Forschungszwecke

# Stathmin 1 Monoklonaler Antikörper



Katalog-Nr.:66090-1-Ig

Vorgestelltes Produkt

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66090-1-Ig	<b>GenBank-Zugangsnummer:</b> BC014353	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 840 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 3925	<b>CloneNo.:</b> 7D1E1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> stathmin 1/oncoprotein 18	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:400
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 18 kDa	
<b>Immunogen Katalognummer:</b> AG19102	<b>Beobachtete Masse:</b> 18 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b>
<b>Getestete Reaktivität:</b> Human, Maus	<b>WB :</b> Jurkat-Zellen, humanes Hirngewebe, K-562-Zellen
<b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	<b>IHC :</b> humanes Hodengewebe,
	<b>IF :</b> Maus-Riechepithelgewebe,

## Hintergrundinformationen

Stathmin 1 (STMN1) normally regulates microtubule dynamics either by sequestering free tubulin heterodimers or by promoting microtubule catastrophe. STMN1 is highly expressed in fetal and adult brain, spinal cord, and cerebellum. Many different phosphorylated forms are observed depending on specific combinations among the sites which can be phosphorylated. Phosphorylation of stathmin is involved in response to NGF, neuron polarization and microtubule polymerization inhibition activity. Increased expression of STMN1 has been observed in a variety of human malignancies, such as colorectal primary tumors and metastatic tissues, but its association with melanoma is so far not well known.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

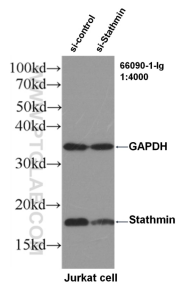
For technical support and original validation data for this product please contact:

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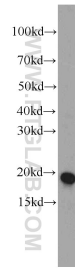
E: proteintech@ptglab.com  
W: ptglab.com

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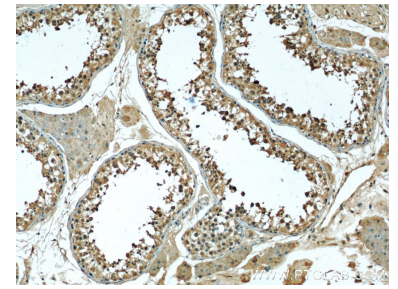
## Ausgewählte Validierungsdaten



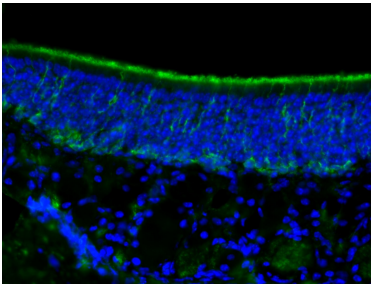
WB result of Stathmin antibody (66090-1-Ig, 1:4000) with si-Control and si-Stathmin transfected Jurkat cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 66090-1-Ig (Stathmin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis slide using 66090-1-Ig (Stathmin antibody at dilution of 1:50).



Fluorescent IHC on 1%PLP fixed frozen mouse olfactory epithelium tissue of STMN1 antibody (66090-1-Ig, 1:200). Basal cell staining and dendritic processes as expected. By Dr. Brian Lin (Schwob Lab).