

Nur für Forschungszwecke

# HGS Monoklonaler Antikörper

Katalog-Nr.:67818-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67818-1-Ig	<b>GenBank-Zugangsnummer:</b> BC003565	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von9146 Nanodrop;	<b>GeneID (NCBI):</b> von9146	<b>CloneNo.:</b> 3B10D6
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> hepatocyte growth factor-regulated tyrosine kinase substrate	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 86 kDa	
<b>Immunogen Katalognummer:</b> AG28610	<b>Beobachtete Masse:</b> 110 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB,ELISA

### Getestete Reaktivität:

Human, Maus, Ratte

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

**WB :** LNCaP-Zellen, A549-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, Maushirngewebe, Neuro-2a-Zellen, PC-12-Zellen, Rattenhirngewebe

**IHC :** Maushirngewebe,

**IF :** HepG2-Zellen,

## Hintergrundinformationen

Hepatocyte growth factor-regulated tyrosine kinase substrate (HGS, synonyms: HRS, ZFYVE8) is a 110 to 115-kDa zinc finger phosphotyrosine protein inducible by stimulation with interleukin 2 (IL-2), granulocyte-macrophage colony-stimulating factor (GM-CSF) as well as hepatocyte growth factor (HGF), and is associated with signal-transducing adaptor molecule (STAM). HGS suppresses DNA synthesis upon stimulation with IL-2 and GM-CSF, counteracting the function of STAM which is critical for cell growth signaling mediated by the cytokines. HGS also interacts with the neurofibromatosis 2 tumor suppressor protein schwannomin/merlin. The growth suppression activity of schwannomin/merlin requires HGS and the binding of schwannomin/merlin to HGS facilitates its ability to function as a tumor suppressor, probably by inhibiting STAT activation.

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern.

### 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

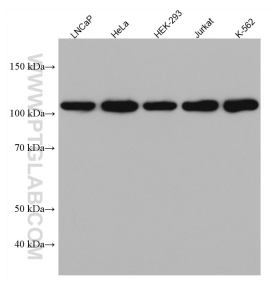
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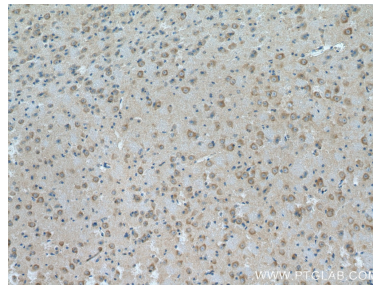
E: proteintech@ptglab.com  
W: ptglab.com

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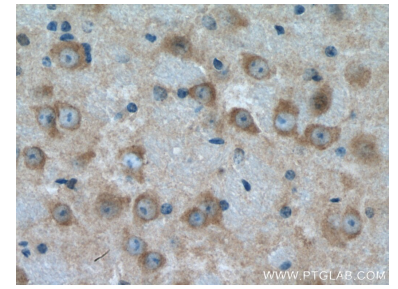
## Ausgewählte Validierungsdaten



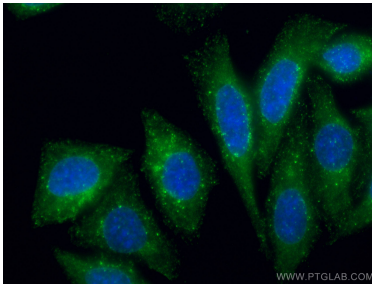
Various lysates were subjected to SDS PAGE followed by western blot with 67818-1-Ig (HGS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67818-1-Ig (HGS antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67818-1-Ig (HGS antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using HGS antibody (67818-1-Ig, Clone: 3B10D6) at dilution of 1:0 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).