

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67665-1-Ig	<b>GenBank-Zugangsnummer:</b> BC093623	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1500 µg/ml von27131 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> sorting nexin 5	<b>CloneNo.:</b> 2F8A4
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> sorting nexin 5	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IHC 1:300-1:1200 IF 1:50-1:500
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 404 aa, 47 kDa	
<b>Immunogen Katalognummer:</b> AG12330	<b>Beobachtete Masse:</b> 47 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, IHC, WB, ELISA	<b>Positivkontrollen:</b>
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	<b>WB :</b> HCT 116-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, NIH/3T3-Zellen
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	<b>IHC :</b> humanes Leberkarzinomgewebe, <b>IF :</b> HeLa-Zellen,

## Hintergrundinformationen

Sorting nexins are a diverse group of cytoplasmic and membrane-associated proteins that are classified by the presence of a phospholipid-binding motif-the PX domain (PMID:12461558). They are involved in endocytosis and protein trafficking. SNX5 (Sorting nexin-5) was originally identified as a putative FANCA-binding protein (PMID: 10600472). SNX5 has a phox homology (PX) domain in the N-terminus. It is involved in several stages of intracellular trafficking. SNX5 is a component of the mammalian retromer complex, which is involved in recycling proteins from endosomes to the trans-Golgi network or plasma membrane (PMID: 17148574; 26199408).

## 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

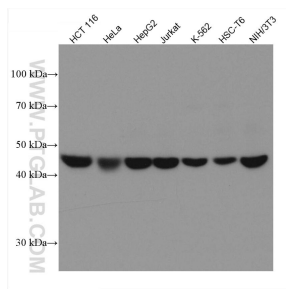
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

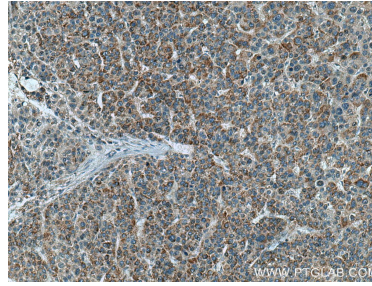
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

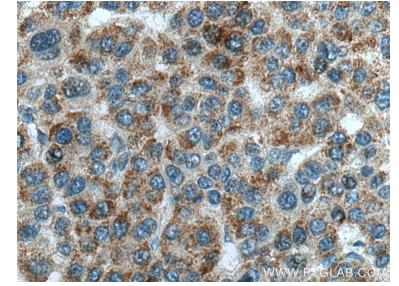
## Ausgewählte Validierungsdaten



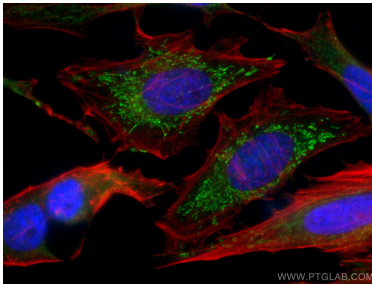
Various lysates were subjected to SDS PAGE followed by western blot with 67665-1-Ig (SNX5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



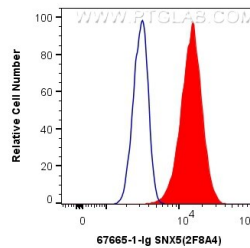
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67665-1-Ig (SNX5 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67665-1-Ig (SNX5 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 67665-1-Ig (SNX5 antibody), at dilution of 1:200 and CoralLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). F-actin was stained using CoralLite®594-phalloidin (red) and DNA was stained by DAPI (blue).



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.4 ug Anti-Human SNX5 (67665-1-Ig, Clone:2F8A4) and CoralLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).