

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TSG101

Numéro de catalogue: 67381-1-Ig **18 Publications**



## Informations de base

Numéro de catalogue: 67381-1-Ig	Numéro d'acquisition GenBank: BC002487	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7251	CloneNo.: 2B7G8
Hôte: Mouse	Nom complet: tumor susceptibility gene 101	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF 1:1000-1:4000
Isotype: IgG1	MW calculé 44 kDa	
Immunogen Catalog Number: AG28569	MW observés: 43-46 kDa	

## Applications

Applications testées:  
FC, IF, IHC, WB, ELISA

Demandes citées:  
WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, souris

Contrôles positifs:

WB : cellules LNCaP, cellules C6, cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3

IHC : tissu de cancer du poumon humain, tissu de cancer du côlon humain

IF : cellules HeLa, tissu de cancer du côlon humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

TSG101(Tumor susceptibility gene 101 protein) is essential for endosomal sorting, membrane receptor degradation and the final stages of cytokinesis. It plays a crucial role for cell proliferation and cell survival. TSG101 has been identified as a candidate tumor suppressor gene and belongs to the ubiquitin-conjugating enzyme family. TSG101 is a marker for exosome. This protein has 2 isoforms produced by alternative splicing with the molecular mass of 44 and 32 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Zhaoyi Liang	36210461	Cell Mol Biol Lett	WB
Hang Yuan	36276139	Front Oncol	WB
Xiaolu Huang	36426920	J Clin Lab Anal	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azotate de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

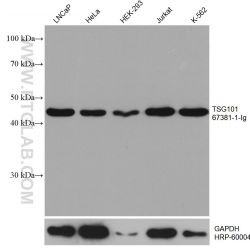
For technical support and original validation data for this product please contact:

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

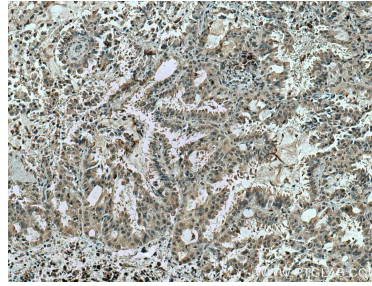
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

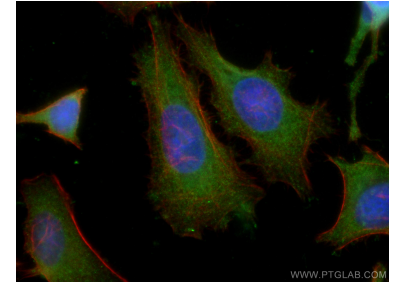
## Données de validation sélectionnées



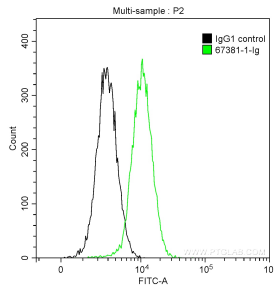
Various lysates were subjected to SDS PAGE followed by western blot with 67381-1-Ig (TSG101 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67381-1-Ig (TSG101 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 67381-1-Ig (TSG101 antibody), at dilution of 1:2000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> HeLa cells were stained with 0.5 ug Anti-Human TSG101 (67381-1-Ig, Clone:2B7G8) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.5 ug Control Antibody. Cells were fixed with 90% MeOH.