

For Research Use Only

TSG101 Monoclonal antibody, PBS Only



Catalog Number: 67381-1-PBS

Basic Information

Catalog Number: 67381-1-PBS	GenBank Accession Number: BC002487	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7251	CloneNo.: 2B7G8
Source: Mouse	UNIPROT ID: Q99816	
Isotype: IgG1	Full Name: tumor susceptibility gene 101	
Immunogen Catalog Number: AG28569	Calculated MW: 44 kDa	
	Observed MW: 43-46 kDa	

Applications

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

Species Specificity:
Human, Mouse, Rat

Background Information

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.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

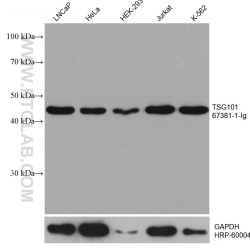
Storage Buffer:
PBS only

Aliquoting is unnecessary for -20°C storage

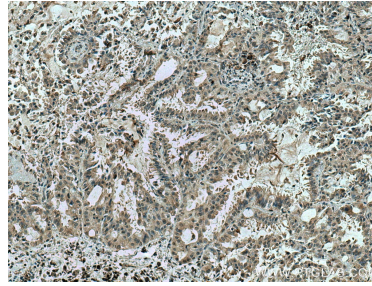
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

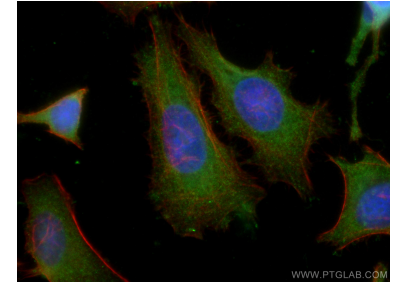
Selected Validation Data



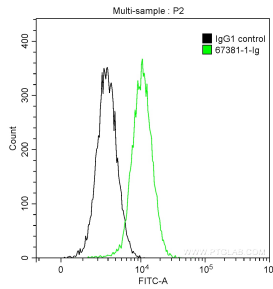
Various lysates were subjected to SDS PAGE followed by western blot with 67381-1-Ig (TSG101 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67381-1-PBS in a different storage buffer formulation.



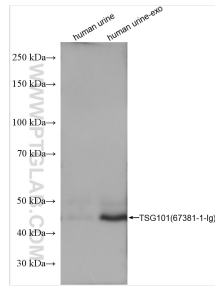
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67381-1-Ig (TSG101 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67381-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67381-1-PBS in a different storage buffer formulation.



1X10⁶ 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. This data was developed using the same antibody clone with 67381-1-PBS in a different storage buffer formulation.



human urine exosomes tissue were subjected to SDS PAGE followed by western blot with 67381-1-Ig (TSG101 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67381-1-PBS in a different storage buffer formulation.