

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: 1 mg/ml	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, IHC, IF, FC, 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:

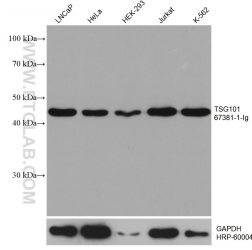
T: 4006900926

E: Proteintech-CN@ptglab.com

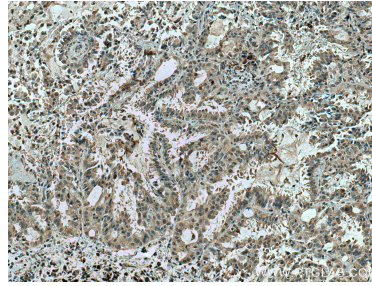
W: ptgcn.com

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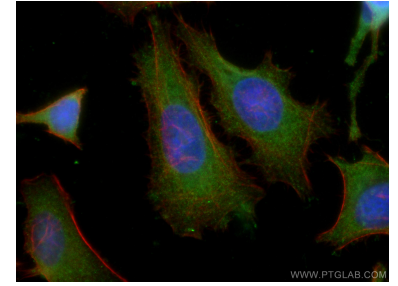
Selected Validation Data



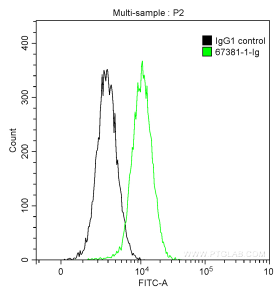
Various lysates were subjected to SDS PAGE followed by western blot with 67381-1-Ig (TSG101 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was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



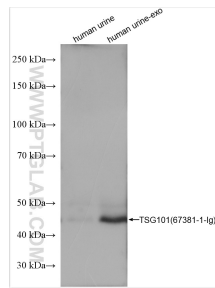
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67381-1-Ig (TSG101 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67381-1-PBS in a different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