TSG101 Rabbit mAb

Catalog No: #49270

Package Size: #49270-1 50ul #49270-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

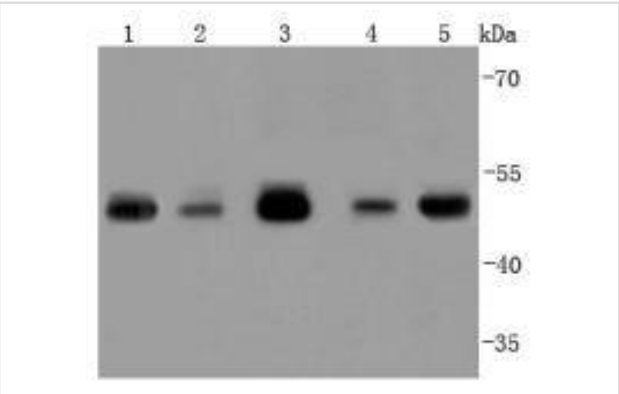
Description

Product Name	TSG101 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JJ0900
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	ESCRT I complex subunit TSG101 antibody ESCRT-I complex subunit TSG101 antibody TS101_HUMAN antibody TSG 10 antibody TSG 101 antibody TSG10 antibody Tsg101 antibody Tumor susceptibility gene 10 antibody Tumor susceptibility gene 101 antibody Tumor susceptibility gene 101 protein antibody Tumor susceptibility protein antibody Tumor susceptibility protein isoform 3 antibody VPS 23 antibody VPS23 antibody
Accession No.	Swiss-Prot#:Q99816
Calculated MW	44 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

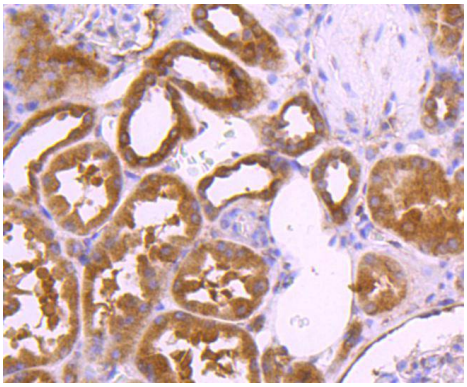
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:100-1:500FC: 1:50-1:100

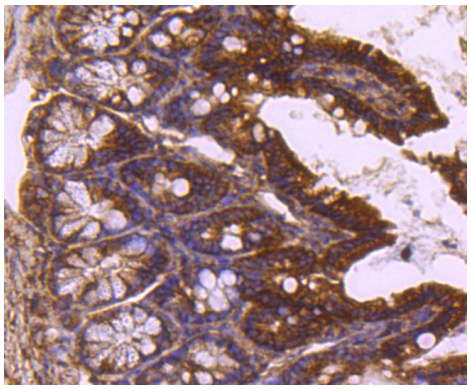
Images



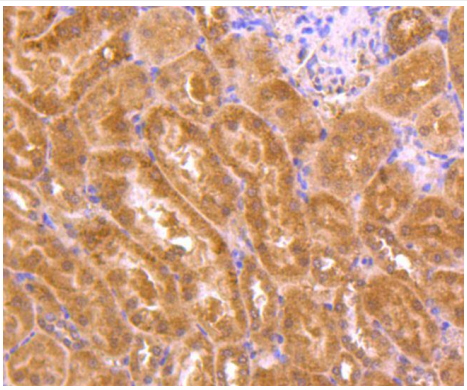
Western blot analysis of TSG101 on different lysates using anti-TSG101 antibody at 1/1,000 dilution. Positive control: Lane 1: NIH/3T3 Lane 2: Hela Lane 3: K562 Lane 4: Jurkat Lane 5: A431



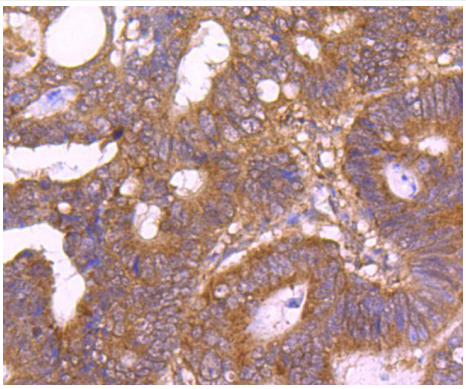
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-TSG101 antibody. Counter stained with hematoxylin.



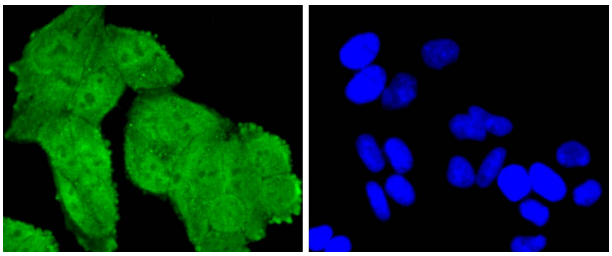
Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-TSG101 antibody. Counter stained with hematoxylin.



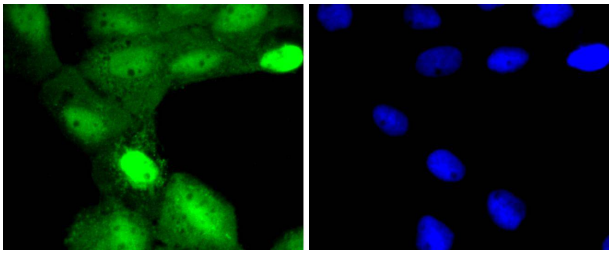
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-TSG101 antibody. Counter stained with hematoxylin.



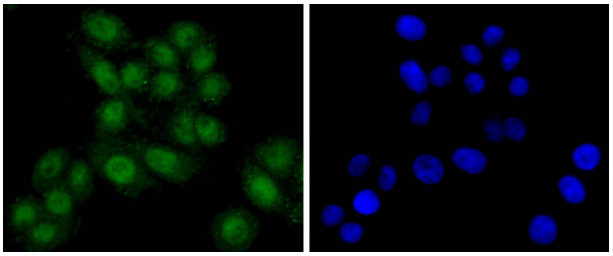
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-TSG101 antibody. Counter stained with hematoxylin.



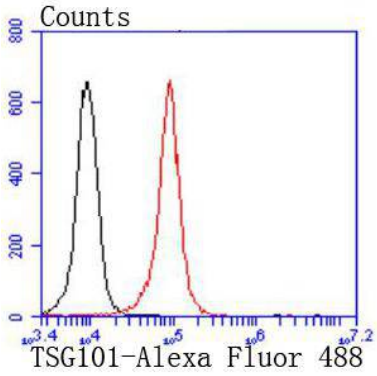
ICC staining TSG101 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TSG101 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TSG101 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of K562 cells with TSG101 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

The transformation of a normal cell to one that is malignant can result from mutations in genes that encode proteins with key regulatory functions. Examples include the retinoblastoma gene product (Rb p110), p53, VHL and APC. Using a novel cloning strategy that allows the isolation of previously uncharacterized genes encoding selectable recessive phenotypes, an additional tumor suppressor gene has been identified. This gene, termed tsg 101 for tumor susceptibility gene 101, encodes a stathmin binding domain protein. When expression of this growth inhibitory gene is blocked in NIH/3T3 cells using antisense mRNA, the cells exhibit a transformed phenotype and are tumorigenic in SL6 mice.

References

1. Ruiz-Guillen M et al. Capsid-deficient alphaviruses generate propagative infectious microvesicles at the plasma membrane. Cell Mol Life Sci 73:3897-916 (2016). 2. Baranyai T et al. Isolation of Exosomes from Blood Plasma: Qualitative and Quantitative Comparison of Ultracentrifugation and Size Exclusion Chromatography Methods. PLoS One 10:e0145686 (2015).

Published Papers

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PMID:41252335

Note: This product is for in vitro research use only and is not intended for use in humans or animals.