

# Product Datasheet

## TSG101 Antibody - BSA Free NBP2-77452

Unit Size: 0.1 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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### Publications: 1

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**NBP2-77452**

TSG101 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit TSG101 Antibody - BSA Free (NBP2-77452) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7251
Gene Symbol	TSG101
Species	Human, Mouse, Rat
Immunogen	Partial synthetic peptide made to an internal portion of the human TSG101 protein (between amino acids 125-210) [UniProt Q99816]

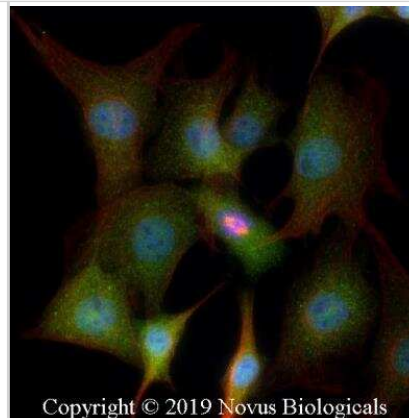
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:100 - 1:200, Immunocytochemistry/ Immunofluorescence 2 ug/ml, Immunohistochemistry-Paraffin 1:100 - 1:200

**Images**

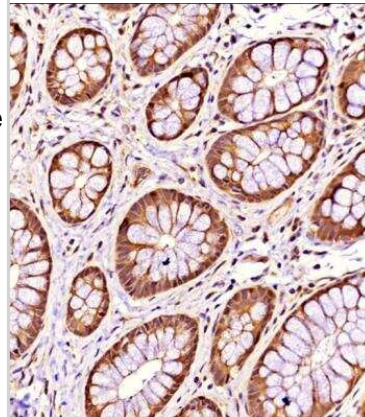
Western Blot: TSG101 Antibody [NBP2-77452] - Total protein from human HeLa, HepG2, mouse 3T3 and rat PC12 cells lines was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/mL anti-TSG101 in blocking buffer and detected with an anti-rabbit HRP secondary antibody using West Pico PLUS chemiluminescence detection reagent.



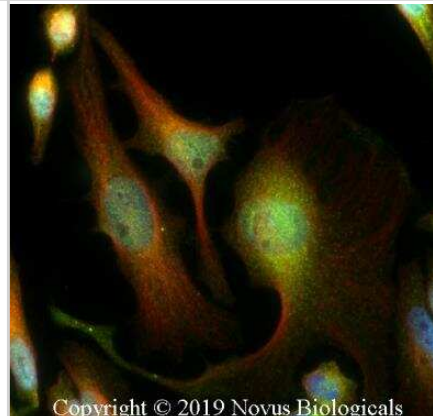
Immunocytochemistry/Immunofluorescence: TSG101 Antibody [NBP2-77452] - NIH3T3 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-TSG101 at 2 ug/mL overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse DyLight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Immunohistochemistry-Paraffin: TSG101 Antibody [NBP2-77452] - Analysis of a FFPE tissue section of the human small intestine using 1:200 dilution of TSG101 antibody (NBP2-77452). The signal was developed using HRP-DAB method which followed counterstaining of the cells with hematoxylin. The antibody generated staining mainly in the cytoplasm and membrane of glandular cells.



Immunocytochemistry/Immunofluorescence: TSG101 Antibody [NBP2-77452] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-TSG101 at 2 ug/mL overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse DyLight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



TSG101 was detected in immersion fixed MCF7 human breast cancer cell line using Rabbit anti-TSG101 Antigen Affinity Purified Polyclonal Antibody conjugated to Biotin (Catalog # NBP2-77452B) at 5 µg/mL overnight at 4C. Cells were stained using Streptavidin conjugated to DyLight 550 (red) and counterstained with DAPI (blue). Cells were imaged using a 100X objective and digitally deconvolved.



## Publications

Wang S Examining the Modes of Activity of Novel Pro-Death Molecules Thesis 2021-01-01



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### **Products Related to NBP2-77452**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00007251-P01-2ug	Recombinant Human TSG101 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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