

# TSG101 Monoclonal Antibody (4A10)

## Product Details

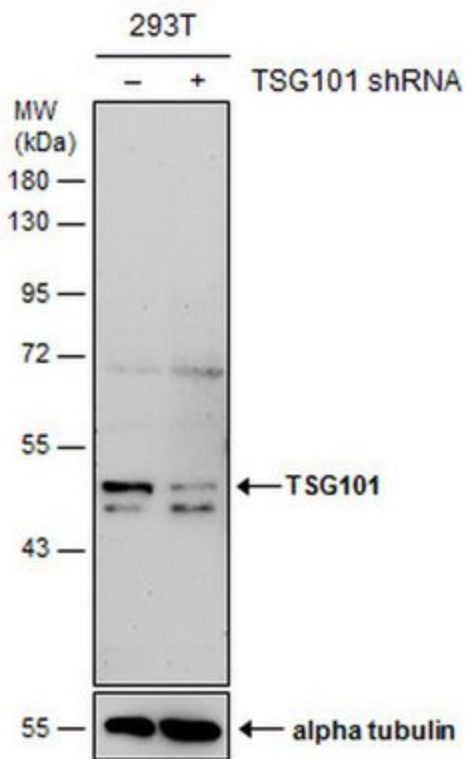
Size	100 µL
Species Reactivity	Hamster, Human, Mouse, Non-human primate, Rat
Published Species	Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	4A10
Conjugate	Unconjugated
Immunogen	Residues 167-374 of TSG101, expressed in E. coli.
Form	Liquid
Concentration	1.8 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	no preservative
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2208088

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay dependent	-
Flow Cytometry (Flow)	1:25-1:200	-
Immunocytochemistry (ICC)	1:500-1:1000	-
Immunofluorescence (IF)	1:500-1:1000	-
Immunohistochemistry (IHC)	1:100	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-
Immunomicroscopy (IM)	1:10	-
Immunoprecipitation (IP)	Assay dependent	1 Publication
Western Blot (WB)	1:500-1:3000	6 Publications

## Product Specific Information

Suggested positive controls for this product are MOLT4 and HeLa.

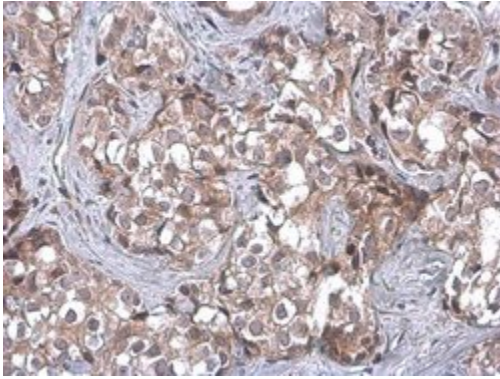
## Advanced Verification Data



### TSG101 Antibody (MA1-23296)

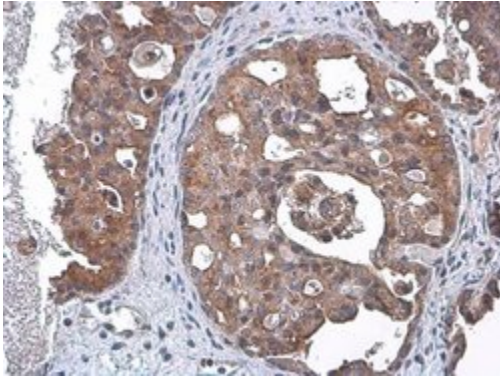
Antibody specificity was demonstrated by siRNA mediated knockdown of the target protein. 293T cells were transfected with TSG101 siRNA and decrease in signal intensity was observed in western blot application using TSG101 (Product # MA1-23296). Knockdown validation info.

## Product Images For TSG101 Monoclonal Antibody (4A10)



### **TSG101 Antibody (MA1-23296) in IHC (P)**

Immunohistochemistry (Paraffin) analysis of TSG101 was performed in paraffin-embedded human breast carcinoma tissue using TSG101 Monoclonal Antibody (4A10) (Product # MA1-23296) at a dilution of 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



### **TSG101 Antibody (MA1-23296) in IHC (P)**

Immunohistochemistry (Paraffin) analysis of TSG101 was performed in paraffin-embedded human ovarian cancer tissue using TSG101 Monoclonal Antibody (4A10) (Product # MA1-23296) at a dilution of 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

[View more figures on thermofisher.com](https://www.thermofisher.com)

## 7 References

### Western Blot (6)

Frontiers in pharmacology

#### Exosomes From Astrocyte Processes: Signaling to Neurons.

"Published figure using TSG101 monoclonal antibody (Product # MA1-23296) in Western Blot"

Authors: Venturini A, Passalacqua M, Pelassa S, Pastorino F, Tedesco M, Cortese K, Gagliani MC, Leo G, Maura G, Guidolin D, Agnati LF, Marcoli M, Cervetto C

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2020

Biological procedures online

#### Effective Visualization and Easy Tracking of Extracellular Vesicles in Glioma Cells.

"MA1-23296 was used in Western Blotting to report a new method developed by us for visualizing EVs using simple immune-fluorescence based technique, wherein the isolated EVs can be stained with fluorescently tagged antibodies to proteins present in EVs."

Authors: Mondal A, Ashiq KA, Phulpagar P, Singh DK, Shiras A

**Species**  
Human

**Dilution**  
1:3000

**Year**  
2020

[View more WB references on thermofisher.com](#)

### Immunoprecipitation (1)

The Journal of biological chemistry

#### PTAP motif duplication in the p6 Gag protein confers a replication advantage on HIV-1 subtype C.

"Published figure using TSG101 monoclonal antibody (Product # MA1-23296) in Immunoprecipitation"

Authors: Sharma S, Arunachalam PS, Menon M, Ragupathy V, Satya RV, Jebaraj J, Aralaguppe SG, Rao C, Pal S, Saravanan S, Murugavel KG, Balakrishnan P, Solomon S, Hewlett I, Ranga U

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2018

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