

TSG101 Monoclonal Antibody (4A10)

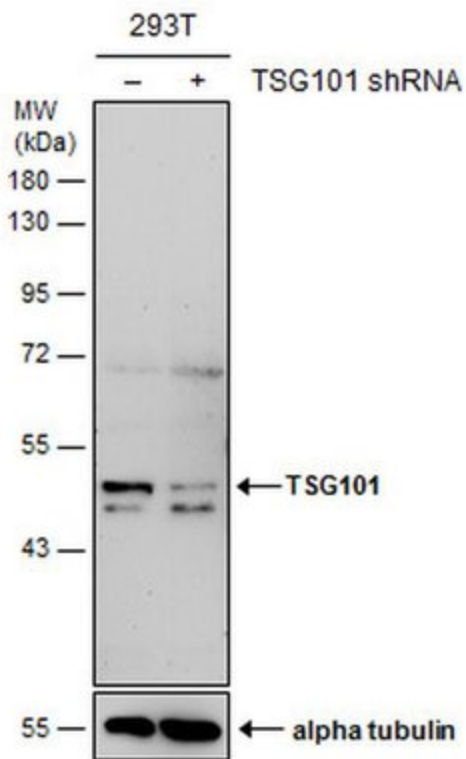
Product Details	
Size	100 µL
Species Reactivity	Hamster, Human, Mouse, Non-human primate, Rat
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	4A10
Conjugate	Unconjugated
Immunogen	Residues 167-374 of TSG101, expressed in E. coli.
Form	Liquid
Concentration	1.8 mg/mL
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
Western Blot (WB)	1:500-1:3,000	9 Publications
Immunohistochemistry (IHC)	1:100	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:500-1:1,000	-
Flow Cytometry (Flow)	1:25-1:200	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	1 Publication
Immunomicroscopy (IM)	1:10	-

Product Specific Information

Suggested positive controls for this product are MOLT4 and HeLa.

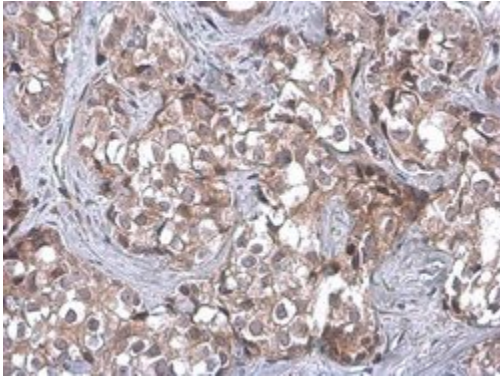
Advanced Verification Data



TSG101 Antibody (MA1-23296)

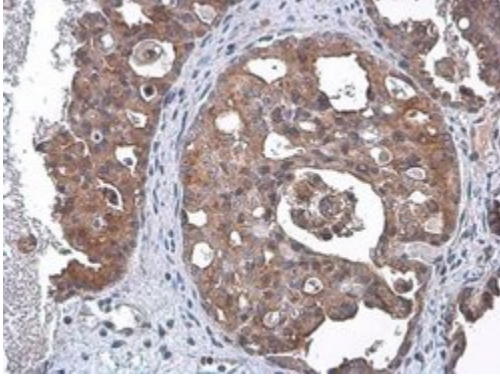
Antibody specificity was demonstrated by siRNA mediated knockdown of the target protein. 293T cells were transfected with TSG101 siRNA and decrease in signal intensity was observed in western blot application using TSG101 (Product # MA1-23296). Knockdown validation info.

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)

10 References

Western Blot (9)

Nature communications

Extracellular vesicles from symbiotic vaginal lactobacilli inhibit HIV-1 infection of human tissues.

"MA1-23296 was used in Western Blotting to investigate whether the anti-HIV effect of lactobacilli is mediated by extracellular vesicles released by these bacteria."

Authors: Nahui Palomino RA, Vanpouille C, Laghi L, Parolin C, Melikov K, Backlund P, Vitali B, Margolis L

Species
Human

Dilution
Not Cited

Year
2019

eLife

Human pancreatic cancer cell exosomes, but not human normal cell exosomes, act as an initiator in cell transformation.

"MA1-23296 was used in Western Blotting to describe a novel molecular understanding of how cancer cell exosomes contribute to cell transformation."

Authors: Stefanius K, Servage K, de Souza Santos M, Gray HF, Toombs JE, Chimalapati S, Kim MS, Malladi VS, Brekken R, Orth K

Species
Not Applicable

Dilution
1:500

Year
2019

[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.

"MA1-23296 was used in Immunoprecipitation to indicate that the duplication of the PTAP motif in the p6 Gag protein enhances the replication fitness of HIV-1C by engaging the Tsg101 host protein with a higher affinity."

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
Human

Dilution
Not Cited

Year
2018

More applications with references on thermofisher.com

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