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TSG101 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TSG101.
Catalog # AT4378a

Specification

TSG101 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, IHC, E**
Primary Accession	Q99816
Other Accession	NM_006292
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**43944**

TSG101 Antibody (monoclonal) (M01) - Additional Information

Gene ID 7251

Other Names
Tumor susceptibility gene 101 protein, ESCRT-I complex subunit TSG101, TSG101

Target/Specificity
TSG101 (NP_006283, 201 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TSG101 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TSG101 Antibody (monoclonal) (M01) - Protocols

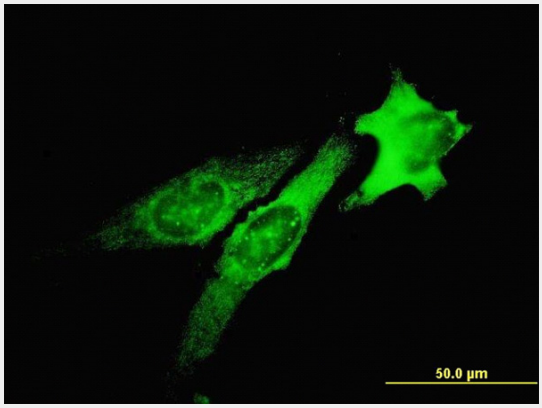
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

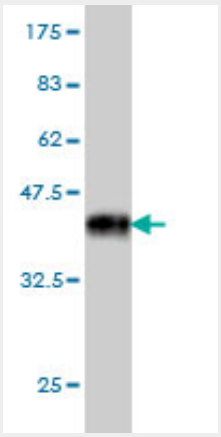
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

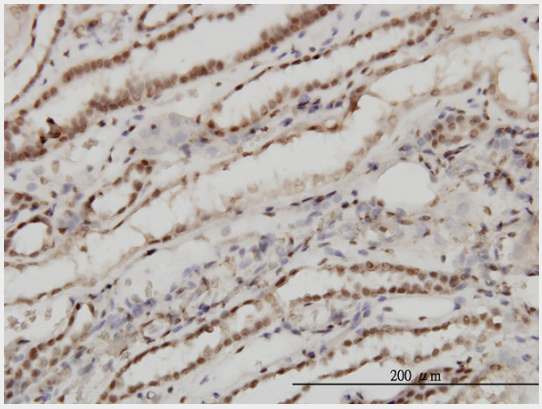
TSG101 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to TSG101 on HeLa cell. [antibody concentration 10 ug/ml]

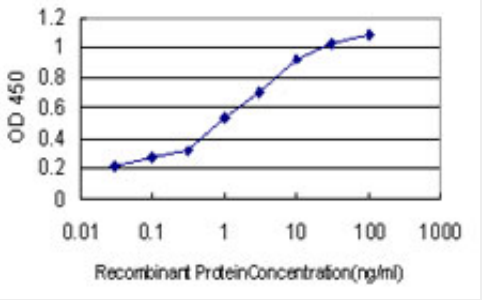


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (34.54 KDa) .



Immunoperoxidase of monoclonal antibody to TSG101 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

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Detection limit for recombinant GST tagged TSG101 is approximately 0.03ng/ml as a capture antibody.

TSG101 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. The gene product contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. The protein may play a role in cell growth and differentiation and act as a negative growth regulator. In vitro steady-state expression of this tumor susceptibility gene appears to be important for maintenance of genomic stability and cell cycle regulation. Mutations and alternative splicing in this gene occur in high frequency in breast cancer and suggest that defects occur during breast cancer tumorigenesis and/or progression.

TSG101 Antibody (monoclonal) (M01) - References

1.Characterization of human thymic exosomes.Skogberg G, Gudmundsdottir J, van der Post S, Sandstrom K, Bruhn S, Benson M, Mincheva-Nilsson L, Baranov V, Telemo E, Ekwall OPLoS One. 2013 Jul 2;8(7):e67554. doi: 10.1371/journal.pone.0067554. Print 2013.