

## Product datasheet for **TA385476S**

### TSG101 Rabbit Monoclonal Antibody [Clone ID: R01-4D9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R01-4D9
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1/1000 IHC: 1/100 ICC/IF: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human TSG101
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 44 kDa; Observed MW: 44 kDa
Gene Name:	tumor susceptibility 101
Database Link:	<a href="#">Entrez Gene 7251 Human Q99816</a>



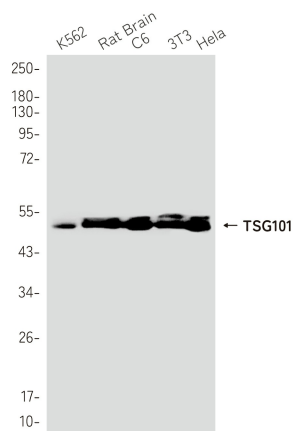
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**Background:**

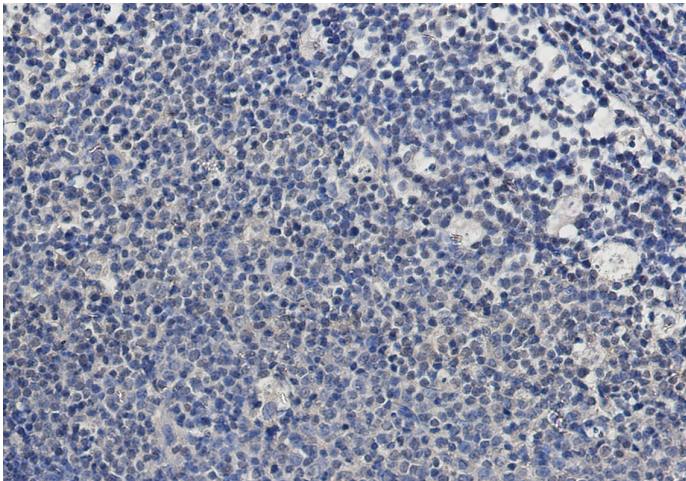
Swiss-Prot Acc.Q99816.Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Mediates the association between the ESCRT-0 and ESCRT-I complex. Required for completion of cytokinesis; the function requires CEP55. May be involved in cell growth and differentiation. Acts as a negative growth regulator. Involved in the budding of many viruses through an interaction with viral proteins that contain a late-budding motif P-[ST]-A-P. This interaction is essential for viral particle budding of numerous retroviruses. Required for the exosomal release of SDCBP, CD63 and syndecan (PubMed:22660413). It may also play a role in the extracellular release of microvesicles that differ from the exosomes (PubMed:22315426).

**Synonyms:**

TSG10; VPS23

**Product images:**

Western blot analysis of TSG101 in K562, rat Brain, C6, 3T3, HeLa lysates using TSG101 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using TSG101 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of TSG101 (green) in HT-1080 using TSG101 antibody, and DAPI(blue).