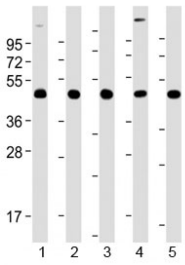
TSG101 Antibody [clone 1883CT788.47.15.46] (F54200)

Catalog No.	Formulation	Size
F54200-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54200-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	IgG1, kappa
Clone Name	1883CT788.47.15.46
Purity	Protein G purified
UniProt	Q99816
Applications	Western Blot : 1:1000-1:2000
Limitations	This TSG101 antibody is available for research use only.



Western blot testing of human 1) brain, 2) K562, 3) Jurkat, 4) HepG2 and 5) A431 lysate with TSG101 antibody at 1:2000. Predicted molecular weight ~45 kDa.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the TSG101 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human TSG101 protein was used as the immunogen for the TSG101 antibody.

Storage

Aliquot the TSG101 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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