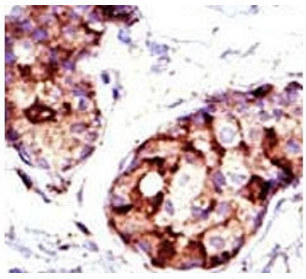
TSG101 Antibody (F47989)

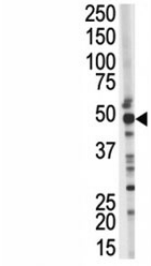
Catalog No.	Formulation	Size
F47989-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47989-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q99816
Localization	Cytoplasmic
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This TSG101 antibody is available for research use only.



IHC analysis of FFPE human breast carcinoma tissue stained with the TSG101 antibody.



Western blot testing of TSG101 antibody and mouse kidney tissue lysate. Predicted molecular weight ~45 kDa.

Description

TSG101 is a 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. [UniProt]

Application Notes

Titration of the TSG101 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this TSG101 antibody.

Storage

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

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