

Datasheet for ABIN7469107
anti-TSG101 antibody (AA 167-374)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TSG101
Binding Specificity:	AA 167-374
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TSG101 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunoelectron Microscopy (IEM), Immunohistochemistry (Free Floating) (IHC (ff))

Product Details

Immunogen:	Amino acids 167-374 of TSG101 protein expressed in E. coli.
Clone:	4A10
Isotype:	IgG1
Specificity:	Knockdown/Knockout validation was supported by references (PMID:27226592)
Cross-Reactivity:	Dog, Hamster, Human, Monkey, Mouse, Pig, Rat, Zebrafish (Danio rerio)
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	TSG101
Alternative Name:	tumor susceptibility 101 (TSG101 Products)
Background:	Synonyms: tumor susceptibility 101 , TSG10 , VPS23 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. [provided by RefSeq, Jul 2008]
Molecular Weight:	44 kDa
Gene ID:	7251
UniProt:	Q99816

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:500-1:1000. IHC-P: 1:100-1:1000. FACS: 1:25-1:200. EM: 1:10. IHC: 1:100. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , K562 , THP-1 , HL-60 , Neuro 2A , C8D30 , NIH-3T3 , Raw264.7 , C2C12 , NIH-3T3 , JC , BCL-1 Validation: KO/KD, Orthogonal, Overexpression, Recombinant antibody
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.8 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.