

Anti-TSG101 Antibody (5J998)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 44 kDa. Actual: 47 kDa.
Clone:	5J998
Purification:	Protein G purified

Applications

Verified Activity:	Sample:
	Lane 1: Human brain tissue lysates
	Lane 2: K562 cell lysates
	Lane 3: Jurkat cell lysates
	Lane 4: HepG2 cell lysates
Verified Activity:	Lane 5: A431 cell lysates
	Primary: Anti-TSG101 (TMAB-13861) at 1/2000 dilution
	Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
	Predicted band size: 44 kD
	Observed band size: 47 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human TSG101
Antigen Species:	Human
Gene ID:	7251
Uniprot ID:	Q99816

Research 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]

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