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Anti-TSG101 Antibody Picoband® FITC Conjugated

Catalog Number: RP1078-FITC

About TSG101

TSG101, known as Tumor susceptibility gene 101, is mapped to 11p15. 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. And 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.

Overview

Product Name	Anti-TSG101 Antibody Picoband® FITC Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q99816

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TSG101, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm

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Suggested Dilutions	Optimal dilutions should be determined by end users.

2 Publications Citing This Product

1. PubMed ID: 32258168, Tian F,Tang P,Sun Z,Zhang R,Zhu D,He J,Liao J,Wan Q,Shen J.miR-210 in Exosomes Derived from Macrophages under High Glucose Promotes Mouse Diabetic Obesity Pathogenesis by Suppressing NDUFA4 Expression.J Diabetes Res.2020 Mar 19;2020:6894684.doi:10.1155/2020/6894684.PMID:32258168;PMCID:PMC7106924.

2. PubMed ID: -, Pei-pei Fang,Chen-wei Pan,Wei Lin,Jie Li,Shan-shan Huang,Guang-yao Zhou,Wen-jun Du,Qiang Li, "ASK1 Enhances Angiotensin II-Induced Liver Fibrosis In Vitro by Mediating Endoplasmic Reticulum Stress-Dependent Exosomes",Mediators of Inflammation,vol.2020,Art

Visit bosterbio.com/anti-tsg101-antibody-rp1078-boster.html to see all 2 publications.

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Anti-TSG101 Antibody - FITC

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