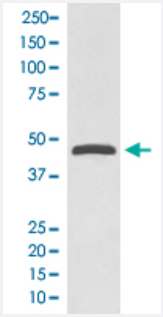
TSG101 monoclonal antibody, clone IDG-20

Catalog # MAB20817 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with TSG101 monoclonal antibody, clone IDG-20 (Cat # MAB20817).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TSG101.
Immunogen	A synthetic peptide corresponding to human TSG101.
Host	Rabbit
Theoretical MW (kDa)	43.944
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western Blot analysis of Jurkat cell lysate with TSG101 monoclonal antibody, clone IDG-20 (Cat # MAB20817).

Gene Info — TSG101

Entrez GeneID	7251
Protein Accession#	Q99816
Gene Name	TSG101
Gene Alias	TSG10, VPS23
Gene Description	tumor susceptibility gene 101
Omim ID	601387
Gene Ontology	Hyperlink

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Gene Summary	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 t umor susceptibility gene appears to be important for maintenance of genomic stability and cell cy cle regulation. Mutations and alternative splicing in this gene occur in high frequency in breast can cer and suggest that defects occur during breast cancer tumorigenesis and/or progression. [provi ded by RefSeq
Other Designations	tumor susceptibility protein

Pathway

- Endocytosis

Disease

- Genetic Predisposition to Disease
- Hepatitis C
- Lung Neoplasms
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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