

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects TSG101 in direct ELISA.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 1065908
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	TSG101 containing synthetic peptide Accession # Q99816
<b>Conjugate</b>	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
<b>Formulation</b>	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

**Immunocytochemistry** Optimal dilution of this antibody should be experimentally determined.

## PREPARATION AND STORAGE

**Shipping** The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage** Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

## BACKGROUND

TSG101 is an essential member of the ESCRT-1 complex which regulates the sorting of ubiquitinated proteins to endosomes, facilitating vesicular trafficking and is implicated in normal development. It is also involved in regulating transcription, protein sorting, biogenesis of multi-vesicular bodies, and viral budding. Dysregulation of ESCRT proteins occurs in the development of various human diseases, including many types of cancers and neurodegenerative diseases. TSG101 is an established cancer-associated gene and truncated aberrantly spliced mRNAs have been reported in various types of cancer. TSG101 is also commonly used as a marker protein for exosomes.

## PRODUCT SPECIFIC NOTICES

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