

For Research Use Only

# TSG101 Recombinant antibody, PBS Only

Catalog Number: 84334-4-PBS



## Basic Information

<b>Catalog Number:</b> 84334-4-PBS	<b>GenBank Accession Number:</b> BC002487	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7251	<b>CloneNo.:</b> 241657A1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99816	
<b>Isotype:</b> IgG	<b>Full Name:</b> tumor susceptibility gene 101	
<b>Immunogen Catalog Number:</b> AG28569	<b>Calculated MW:</b> 44 kDa	
	<b>Observed MW:</b> 44 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

TSG101(Tumor susceptibility gene 101 protein) is essential for endosomal sorting, membrane receptor degradation and the final stages of cytokinesis. It plays a crucial role for cell proliferation and cell survival. TSG101 has been identified as a candidate tumor suppressor gene and belongs to the ubiquitin-conjugating enzyme family. TSG101 is a marker for exosome. This protein has 2 isoforms produced by alternative splicing with the molecular mass of 44 and 32 kDa.

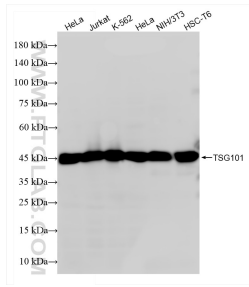
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

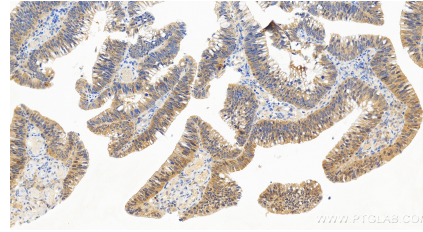
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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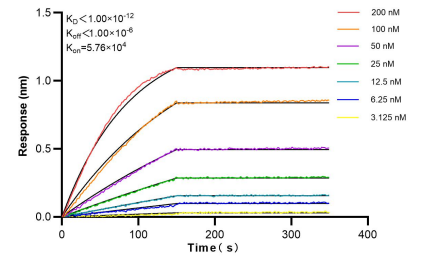
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84334-4-RR (TSG101 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84334-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 84334-4-RR (TSG101 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84334-4-PBS in a different storage buffer formulation.



Biacore BLI kinetic assays of 84334-4-RR against Human TSG101 were performed. The affinity constant is below 1 pM.