

For Research Use Only

TSG101 Recombinant antibody

Catalog Number: 84334-4-RR



Basic Information

Catalog Number: 84334-4-RR	GenBank Accession Number: BC002487	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 7251	CloneNo.: 241657A1
Source: Rabbit	UNIPROT ID: Q99816	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: tumor susceptibility gene 101	
Immunogen Catalog Number: AG28569	Calculated MW: 44 kDa	
	Observed MW: 44 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, JurKat cells, K-562 cells, NIH/3T3 cells, HSC-T6 cells
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

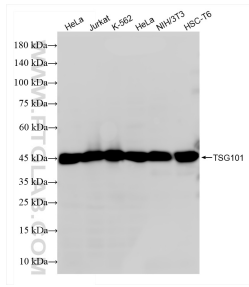
T: 4006900926

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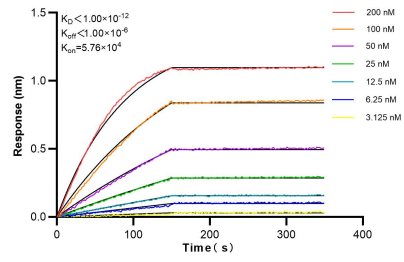
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Selected Validation Data



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.



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