

For Research Use Only

# TSPAN8 Recombinant monoclonal antibody

Catalog Number: 87700-3-RR



## Basic Information

<b>Catalog Number:</b> 87700-3-RR	<b>GenBank Accession Number:</b> NM_004616.2	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 7103	<b>CloneNo.:</b> 252991H1
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P19075	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IHC: 1:250-1:1000
<b>Immunogen Catalog Number:</b> EG7574	<b>Full Name:</b> tetraspanin 8	
	<b>Calculated MW:</b> 26 kDa	
	<b>Observed MW:</b> 27 kDa	

## Applications

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

**Species Specificity:**  
human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** Calu-3 cells, Ramos cells, LoVo cells

**IHC :** human stomach cancer tissue,

## Background Information

TSPAN8 is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Tetraspanins have been involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, and cancer. TSPAN8 and CD151 coordinately promote metastasis, where Tspan8 overrides the adhesive features of CD151 by recruiting integrins out of adhesion into motility promoting complexes (PMID: 23683890). TSPAN8 contributes to molecular pathways of exosome-induced endothelial cell activation (PMID: 20124479).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

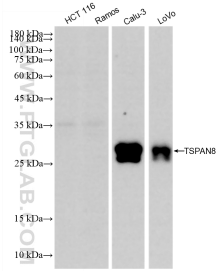
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

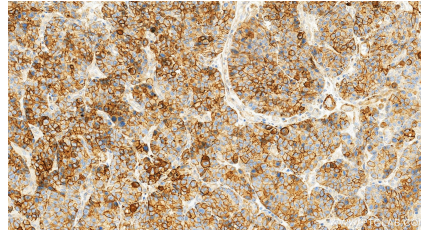
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87700-3-RR (TSPAN8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 87700-3-RR (TSPAN8 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).