
Product Name: TSPAN8 Mouse Monoclonal Antibody**Catalog #: AMM82729**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	26 kDa

Antigen Information

Gene Name	TSPAN8
Alternative Names	CO-029; TM4SF3
Gene ID	7103.0
SwissProt ID	P19075
Immunogen	Purified recombinant fragment of human TSPAN8 (AA: Extra(110-205)) expressed in E. Coli.

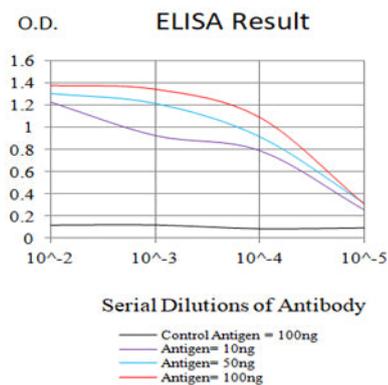
Background

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This

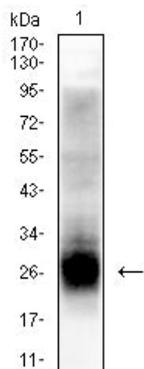
encoded protein is a cell surface glycoprotein that is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene.

Research Area

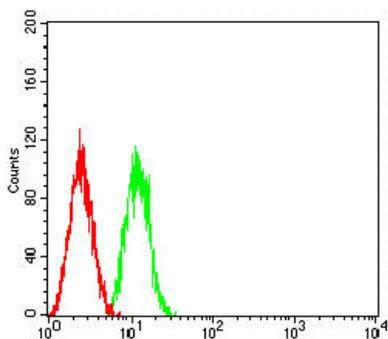
Image Data



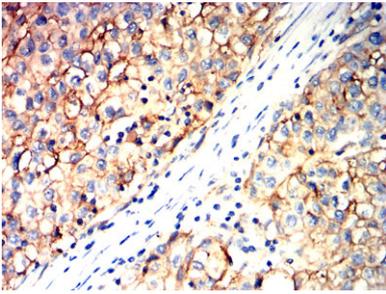
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



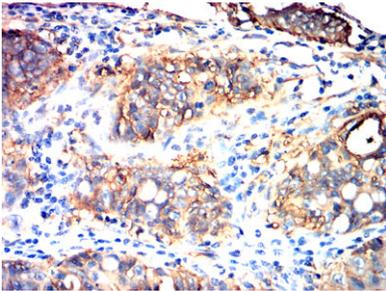
Western blot analysis using TSPAN8 mouse mAb against HT-29 cell lysate.



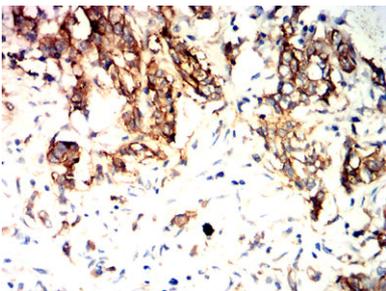
Flow cytometric analysis of HepG2 cells using TSPAN8 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using TSPAN8 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using TSPAN8 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using TSPAN8 mouse mAb with DAB staining.