

TSPAN8 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3794
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human TSPAN8 (AA: Extra(110-205)) expressed in E. Coli.
Mol wt	26 kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CO-029;TM4SF3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

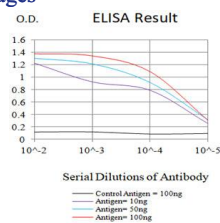
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

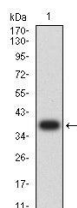
ELISA: 1:10000

Not yet tested in other applications.

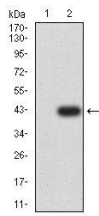
Images



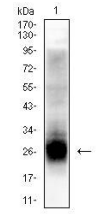
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



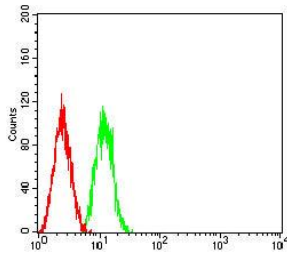
Western blot analysis using TSPAN8 mAb against human TSPAN8 (AA: Extra(110-205)) recombinant protein. (Expected MW is 37 kDa)



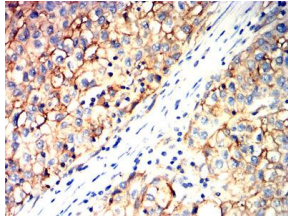
Western blot analysis using TSPAN8 mAb against HEK293-6e (1) and human TSPAN8 (AA: Extra(110-205))-hlgGfc transfected HEK293-6e (2) cell lysate.



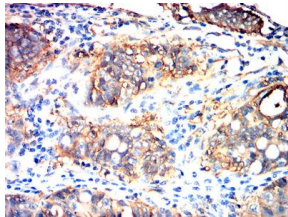
Western blot analysis using TSPAN8 mouse mAb against HT-29 cell lysate.



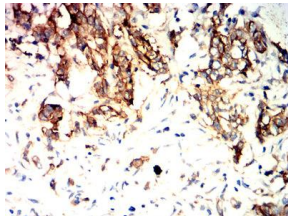
Flow cytometric analysis of HepG2 cells using TSPAN8 mouse mAb (green) and negative control (red).



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



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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