
Product Name: TSPAN16 Mouse Monoclonal Antibody**Catalog #: AMM82799**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse, Rat, Monkey
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	26.2kDa

Antigen Information

Gene Name	TSPAN16
Alternative Names	TM-8; TM4-B; TM4SF16
Gene ID	26526.0
SwissProt ID	Q9UKR8
Immunogen	Purified recombinant fragment of human TSPAN16 (AA: 116-245) expressed in E. Coli.

Background

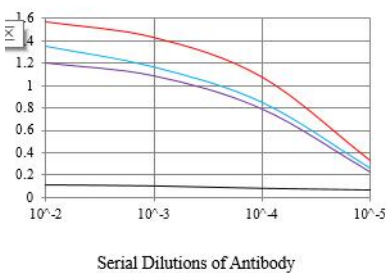
The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in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

encoded protein might couple to signal transduction pathways and possibly modulate cellular activation and adhesion in haemopoietic and neural tissue. Several transcript variants encoding different isoforms have been found for this gene.

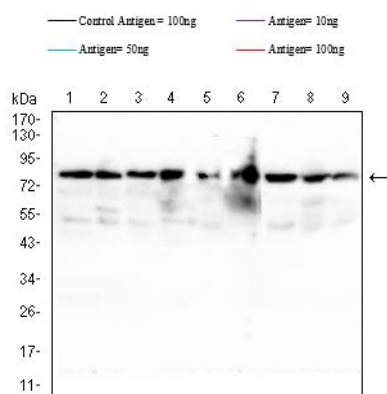
Research Area

Image Data

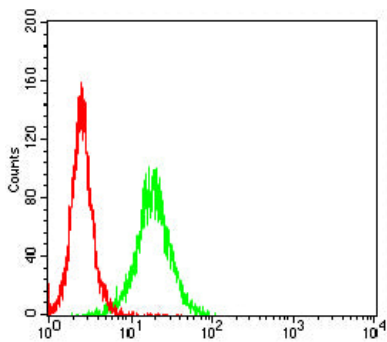
O.D. ELISA Result



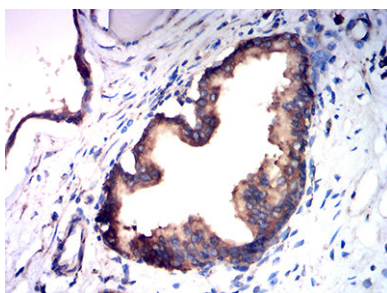
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



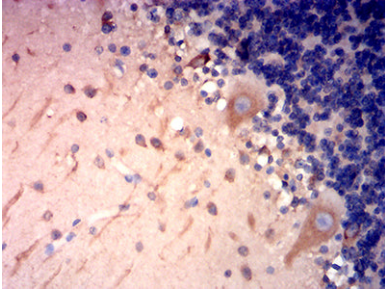
Western blot analysis using TSPAN16 mouse mAb against Raji (1), HL-60 (2), HeLa (3), A549 (4), THP-1 (5), Mouse liver (6), C6 (7), COS7 (8) and Jurkat (9) cell lysate.



Flow cytometric analysis of U937 cells using TSPAN16 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using TSPAN16 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using TSPAN16 mouse mAb with DAB staining.