

**Product Name: TSPAN16 Mouse Monoclonal Antibody****Catalog #: AMM82724**

For research use only.

**Summary**

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

**Application**

<b>Dilution Ratio</b>	ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	26.2kDa

**Antigen Information**

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

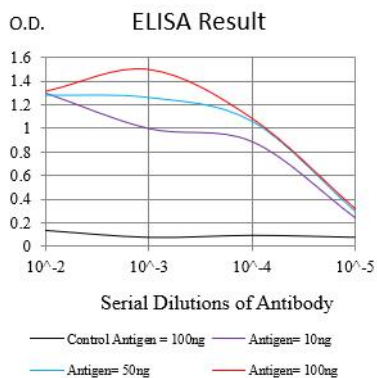
**Background**

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

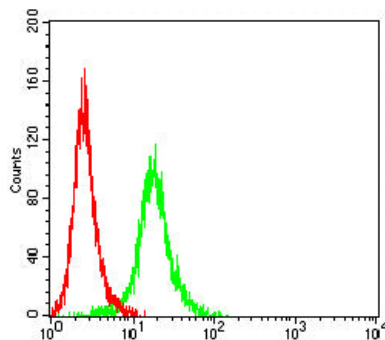
encoded protein might couple to signal transduction pathways and possibly modulate cellular activation and adhesion in haemopoietic and neural tissue. Several transcript variants encoding different isoforms have been found for this gene.

## Research Area

## Image Data



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



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