



[Go to Product page](#)

Datasheet for ABIN1387068

anti-Tetraspanin 16 antibody (AA 81-94)

1 Image

Overview

Quantity:	100 µL
Target:	Tetraspanin 16 (TSPAN16)
Binding Specificity:	AA 81-94
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tetraspanin 16 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSPAN16/TM4-B
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	Tetraspanin 16 (TSPAN16)
Alternative Name:	TSPAN16 (TSPAN16 Products)
Background:	Synonyms: TM-8, TM4-B, TM4SF16, Tetraspanin-16, Tspan-16, Tetraspanin TM4-B,

Target Details

Transmembrane 4 superfamily member 16, TSPAN16

Background: TM4-B, also known as TSPAN16 (tetraspanin-16) or TM4SF16 (transmembrane 4 superfamily member 16), is a 245 amino acid multi-pass membrane protein that belongs to the tetraspanin (TM4SF) family. Members of the TM4SF family mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. TM4-B is broadly expressed in most human tissues and cell lines including neural and bone marrow derived tissues. The gene that encodes TM4-B contains nearly 31,000 bases and maps to human chromosome 19p13.2. Chromosome 19 consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin (Ig) superfamily members, including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG families and Fc receptors (FcRs).

Gene ID: 26526

UniProt: [Q9UKR8](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

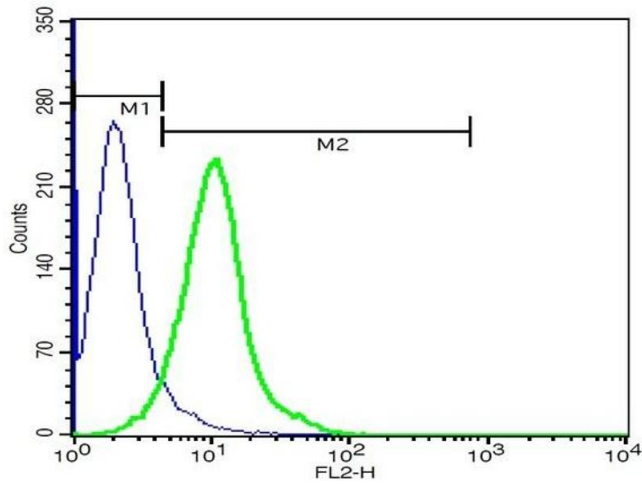
Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



Flow Cytometry

Image 1. U937 cells probed with Rabbit Anti-TSPAN16 Polyclonal Antibody (ABIN1387068) at 1:100 for 40 minutes followed by incubation with Goat Anti-Rabbit IgG PE conjugated secondary at 1:100 (green) for 40 minutes compared to control cells (blue).