

Datasheet for ABIN501087

**anti-Tetraspanin 9 antibody (Center)****2** Images[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	Tetraspanin 9 (TSPAN9)
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tetraspanin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	TSPAN9 antibody was raised against a 15 amino acid peptide from near the center of human TSPAN9.
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography

## Target Details

Target:	Tetraspanin 9 (TSPAN9)
Alternative Name:	Tetraspanin-9 (TSPAN9) ( <a href="#">TSPAN9 Products</a> )
Background:	The tetraspan family protein members are characterized by four predicted transmembrane

## Target Details

domains and are thought to be involved in physiological processes such as tissue differentiation, immunological responses, and sperm-egg fusion. TSPAN9 has recently been identified as a platelet tetraspanin and a component of tetraspanin microdomains that include the collagen receptor GPVI (glycoprotein VI) and integrin  $\alpha 6 \beta 1$  but not the von Willebrand receptor GPIb $\alpha$  or the integrins  $\alpha 1 \text{Ib} \beta 3$  or  $\alpha 2 \beta 1$ , suggesting that TSPAN9 may act to regulate platelet function in concert with other tetraspanins and their associated proteins. Synonyms: NET5, Tetraspan NET-5, Tspan-9

Gene ID: 10867

NCBI Accession: [NP\\_006666](#)

## Application Details

Application Notes: ELISA. Western blot: 1 - 2  $\mu\text{g/mL}$ . Immunohistochemistry on paraffin sections.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide

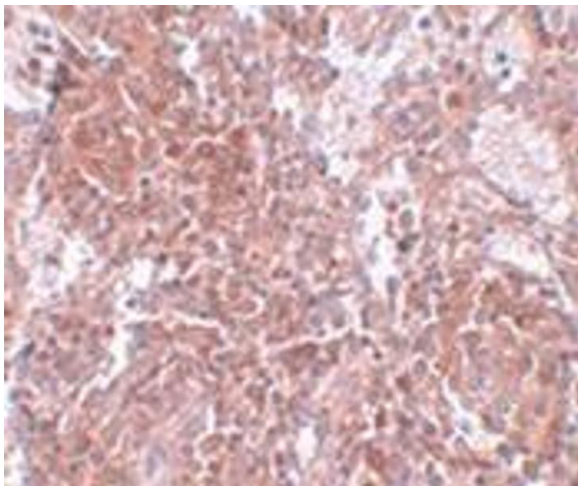
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

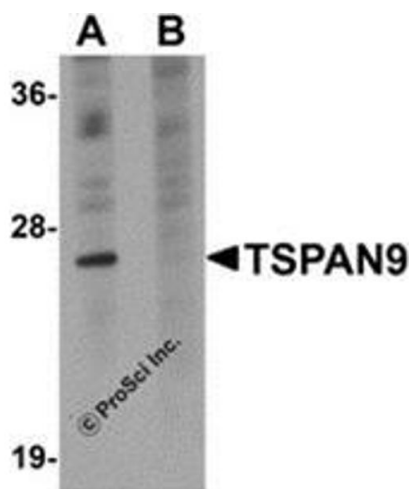
Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of TSPAN9 in human spleen tissue with this product at 2.5 µg/ml.



#### Western Blotting

**Image 2.** Western blot analysis of TSPAN9 in EL4 cell lysate with this product at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.