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Datasheet for ABIN5008740

**anti-TSPAN32 antibody (AA 101-200) (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	TSPAN32
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPAN32 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSPAN32
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

## Target Details

Target:	TSPAN32
Alternative Name:	PHEMX/ART1 ( <a href="#">TSPAN32 Products</a> )
Background:	Synonyms: ART 1, FLJ17158, FLJ97586, MGC22455, PHEMX/ART1, Pan hematopoietic

## Target Details

expression, PHEMX, PHMX, tetraspanin 32, Tetraspanin, tetraspanin32, TSPAN32, TSSC6, Tumor suppressing STF cDNA 6, Tumor suppressing subchromosomal transferable fragment cDNA 6, Tumor suppressing subtransferable candidate 6.

Background: Phemx is a member of the tetraspanin (TM4SF) family of proteins that may be involved in transmembrane signal transduction, regulation of cell proliferation, differentiation and motility. Phemx is a multi-pass membrane protein containing intracellular N- and C-terminal domains, four transmembrane domains and two extracellular loops. It is ubiquitously expressed from early embryogenesis through adulthood. Phemx exhibits predominant expression in hematopoietic tissues suggesting a role in hematopoietic-cell function. In association with the Integrin IIb/Integrin  $\alpha_3$  complex, Phemx functions to stabilize arterial thrombi in platelets and regulate outside-in signaling. This interaction may be important in the process of wound healing. The gene encoding Phemx is located in an important tumor-suppressor gene region that has been associated with Beckwith-Wiedemann syndrome as well as a variety of cancers.

Gene ID: 10077

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1  $\mu\text{g}/\mu\text{L}$

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

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Expiry Date: 12 months