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Datasheet for ABIN1694611

**anti-TSPAN32 antibody (AA 101-200) (Alexa Fluor 488)**

## 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 488  |
| 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