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Datasheet for ABIN1698251

anti-TSPAN32 antibody (AA 101-200) (Alexa Fluor 647)

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 647
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 (TSPAN32 Products)
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 α_3 complex, Phemx functions to stabilize arterial thrombi in platelets and regulate outside-in² 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

Expiry Date: 12 months