

Rabbit TSPAN33 Polyclonal Antibody | anti-TSPAN33 antibody

TSPAN33 Antibody (C-term)

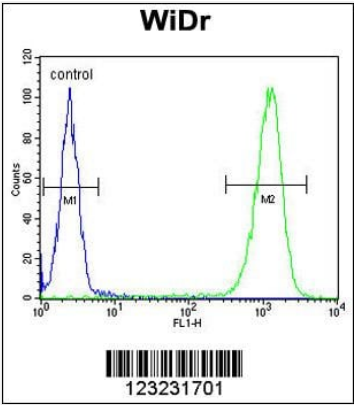
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289279	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

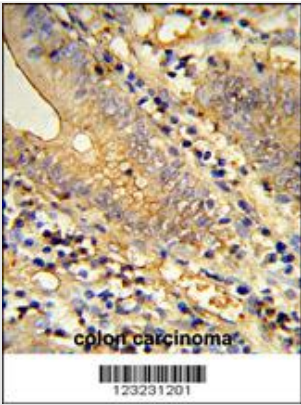
TSPAN33; Polyclonal Antibody; TSPAN33 Antibody (C-term); Tetraspanin-33; Tspan-33; Penumbra; hPen; Proerythroblast new membrane; PEN; anti-TSPAN33 antibody

PRODUCT SPECIFICATIONS

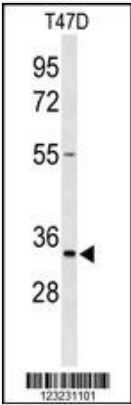
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TSPAN33 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 254-283 amino acids from the C-terminal region of human TSPAN33.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	254-283
Sequence Length	283
Applicable Applications for anti-TSPAN33 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Clone Names	RB23231
Function	Plays an important role in normal erythropoiesis (By similarity). It has a role in the differentiation of erythroid progenitors (By similarity). Regulates maturation and trafficking of the transmembrane metalloprotease ADAM10 (PubMed:). Negatively regulates ligand-induced Notch activity probably by regulating ADAM10 activity (PubMed:).
Cellular location	Cell membrane; Multi-pass membrane protein
Tissue location	Predominantly expressed in erythroblasts
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
TSPAN33 Antibody (C-term) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma reacted with TSPAN33 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TSPAN33 Antibody (C-term) in T47D cell line lysates (35ug/lane). TSPAN33 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TSPAN33 antibody	TSPAN33 plays an important role in normal erythropoiesis. It has a role in the differentiation of erythroid progenitors.
Product Categories/Family for anti-TSPAN33 antibody	Cell Biology
References	Heikens, M.J., et al. Blood 109(8):3244-3252(2007) Huang, S., et al. Genomics 86(6):674-684(2005) Chen, Z., et al. Cancer Genet. Cytogenet. 162(2):95-98(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30425534
NCBI GeneID	340348
NCBI Accession #	NP_848657.1
NCBI GenBank Nucleotide #	NM_178562.4
UniProt Accession #	Q86UF1
Molecular Weight	31538

NCBI Official Full Name	tetraspanin-33
NCBI Official Synonym Full Names	tetraspanin 33
NCBI Official Symbol	TSPAN33
NCBI Official Synonym Symbols	PEN; PEN.; TSPAN-33
NCBI Protein Information	tetraspanin-33
UniProt Protein Name	Tetraspanin-33
UniProt Gene Name	TSPAN33
UniProt Synonym Gene Names	PEN; Tspan-33; hPen
UniProt Entry Name	TSN33_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tspan33-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289279>