

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TSPAN9 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # 590409
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human TSPAN9 Accession # O75954
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Tetraspanin 9 (TSPAN9) is a 27 kDa glycoprotein and member of the tetraspanin (TM4SF) family of proteins. It is 239 amino acids (aa) in length and contains four transmembrane segments and one potential site for N-linked glycosylation. Both the N- and C-termini lie on the intracellular side of the membrane. Human TSPAN9 is 97% aa identical to mouse TSPAN9. It is expressed in megakaryocytes and platelets where it co-localizes with GP6 in tetraspanin microdomains on the platelet surface. TSPAN9 is involved in platelet activation.

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