

DESCRIPTION

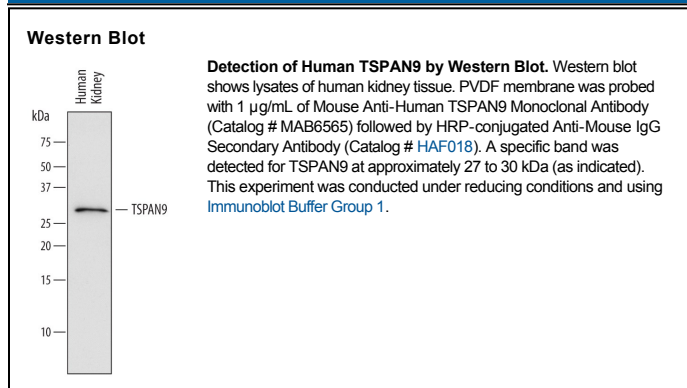
Species Reactivity	Human
Specificity	Detects human TSPAN9 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # 590409
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human TSPAN9 Accession # O75954
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Sterile PBS to a final concentration of 0.5 mg/mL.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.