

Product datasheet for **TA354457**

CD9 Rabbit Polyclonal Antibody

Product data:

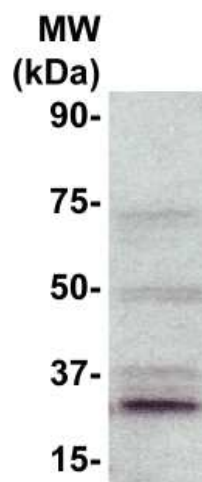
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA N/A IP N/A IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein encoding the full length of human CD9.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~24 kDa
Gene Name:	CD9 molecule
Database Link:	NP_001760 Entrez Gene 928 Human P21926
Background:	CD9 antigen is a 24 to 27kD glycoprotein expressed on the surface of developing B lymphocytes, platelets, monocytes, eosinophils, basophils, stimulated T lymphocytes and by neurons and glial cells in the peripheral nervous system. In pre-B cells and platelets, CD9 antigen regulates cell activation aggregation possibly through an association with the integrin CD41/CD61. It also regulates cell motility in a variety of cell lines, and appears to be an important regulator of Schwann cell behavior in peripheral nerve.
Synonyms:	BTCC-1; DRAP-27; MIC3; MRP-1; TSPAN-29; TSPAN29
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane



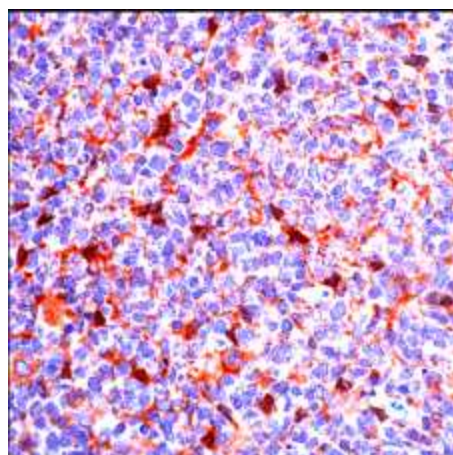
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Protein Pathways: Hematopoietic cell lineage

Product images:



WB: The cell lysate derived from HELA was immunoblotted by the Rabbit anti-CD9 antibody at 1:500. An immunoreactive bands was observed around ~24 kDa.



IHC: Human tonsil stained with Rabbit anti-CD9 antibody at 1:50 for 30 min, RT. (Staining of formalin-fixed tissues requires boiling tissue section in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.