

Anti-TEM8 Reference Antibody (Biomed Valley patent anti-TEM8)

Catalog # APR11305

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9H6X2
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	62789

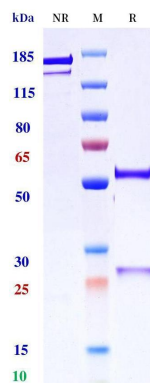
Additional Information

Target/Specificity	TEM8
Expression system	CHO

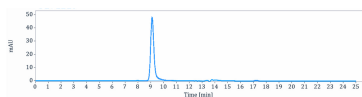
Protein Information

Name	ANTXR1 {ECO:0000303 PubMed:22912819, ECO:0000312 HGNC:HGNC:21014}
Function	Plays a role in cell attachment and migration. Interacts with extracellular matrix proteins and with the actin cytoskeleton and thereby plays an important role in normal extracellular matrix (ECM) homeostasis. Mediates adhesion of cells to type 1 collagen and gelatin, reorganization of the actin cytoskeleton and promotes cell spreading. Plays a role in the angiogenic response of cultured umbilical vein endothelial cells. May also act as a receptor for PLAU. Upon ligand binding, stimulates the phosphorylation of EGFR and ERK1/2 (PubMed: 30241478).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell projection, lamellipodium membrane; Single-pass type I membrane protein. Cell projection, filopodium membrane; Single-pass type I membrane protein. Note=At the membrane of lamellipodia and at the tip of actin-enriched filopodia (PubMed:16762926). Colocalizes with actin at the base of lamellipodia (PubMed:16762926)
Tissue Location	Detected in umbilical vein endothelial cells (at protein level). Highly expressed in tumor endothelial cells

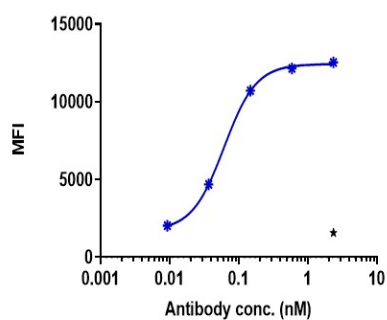
Images



Anti-TEM8 Reference Antibody (Biomed Valley patent anti-TEM8) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-TEM8 Reference Antibody (Biomed Valley patent anti-TEM8) is 98.85%, determined by SEC-HPLC.



RD cell line were stained with Biomed Valley patent anti-TEM8 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.061 nM.

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