

Anti-Robo4 Reference Antibody (Genentech patent anti-Robo4)

Catalog # APR11398

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q8WZ75
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	107457

Additional Information

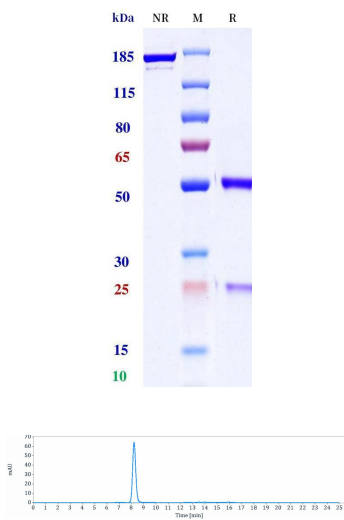
Target/Specificity	Robo4
Expression system	CHO

Protein Information

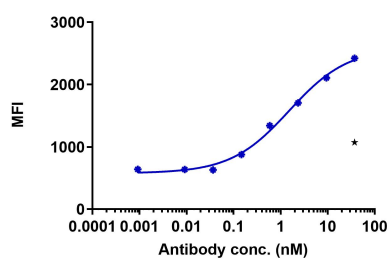
Name	ROBO4
Function	Receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. May mediate the inhibition of primary endothelial cell migration by Slit proteins (By similarity). Involved in the maintenance of endothelial barrier organization and function (PubMed: 30455415).
Tissue Location	Specifically expressed in endothelial cells. Expressed in endothelial and intimal cells of the ascending aorta (PubMed:30455415).

Images

Anti-Robo4 Reference Antibody (Genentech patent anti-Robo4) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Robo4 Reference Antibody (Genentech patent anti-Robo4) is 99.69%, determined by SEC-HPLC.



HUVEC cells were stained with Genentech patent anti-Robo4 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 1.925 nM.

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