

30-1413: Anti-CD140a / PDGF-RA Monoclonal Antibody (Clone:16A1)

Clonality :	Monoclonal
Clone Name :	16A1
Application :	FACS, ICC
Reactivity :	Human
Gene :	PDGFRA
Gene ID :	5156
Uniprot ID :	P16234
Format :	Purified
Alternative Name :	PDGFRA,PDGFR2,RHEPDGFRA
Isotype :	Mouse IgG1
Immunogen Information :	CD140a-transfected NIH 3T3 cells

Description

CD140a / PDGF-RA (platelet-derived growth factor receptor alpha) is a cell surface receptor for members of platelet-derived growth factor family, whose intracellular part contains a tyrosine kinase domain. CD140a forms homodimers, or heterodimerizes with CD140b / PDGF-RB. Whereas CD140b induces in different cell types their proliferation and migration, the role of CD140a is more controversial, with pro-proliferative or anti-proliferative effects. CD140a has early developmental functions, mediates mesodermal cell migration, and later acts in signaling associated in epithelial-mesenchymal interactions.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 2 μ g/ml
Immunocytochemistry