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30-1759: Anti-CD140a / PDGF-RA Monoclonal Antibody (Clone:16A1)-APC Conjugated

Clonality :	Monoclonal
Clone Name :	16A1
Application :	FACS, ICC
Reactivity :	Human
Conjugate :	APC
Gene :	PDGFRA
Gene ID :	5156
Uniprot ID :	P16234
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 :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

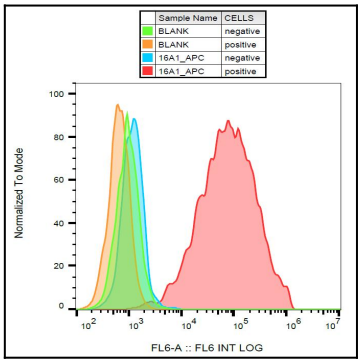

Figure 1: Surface staining of CD140a in CD140a-transfected 3T3 cells using anti-CD140a (16A1) APC.

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