

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	16A1
<b>Application :</b>	FACS, ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	PDGFRA
<b>Gene ID :</b>	5156
<b>Uniprot ID :</b>	P16234
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PDGFRA,PDGFR2,RHEPDGFRA
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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**

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

**Application Note**

**Flow Cytometry** *Recommended dilution:* 2  $\mu$ g/ml  
**Immunocytochemistry**