

### 30-1414: Anti-CD140b / PDGF-RB Monoclonal Antibody (Clone:18A2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	18A2
<b>Application :</b>	FACS, ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	PDGFRB
<b>Gene ID :</b>	5159
<b>Uniprot ID :</b>	P09619
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PDGFRB,PDGFR,PDGFR1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	CD140b-transfected NIH 3T3 cells

#### Description

CD140b / PDGF-RB (platelet-derived growth factor receptor beta) is a cell surface receptor for members of platelet-derived growth factor family, whose intracellular part contains a tyrosine kinase domain. CD140b forms homodimers, or heterodimerizes with CD140a / PDGF-RA. Whereas CD140a can have both pro-proliferative or anti-proliferative effects, the CD140b induces in various cell types their proliferation and migration. CD140b has also developmental roles in the cardiovascular system and is preferentially expressed on some tumours such as medulloblastoma.

#### 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:* 1-5  $\mu\text{g/ml}$   
**Immunocytochemistry**