9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-1760: Anti-CD140b / PDGF-RB Monoclonal Antibody (Clone:18A2)-APC Conjugated

Clonality :	Monoclonal
Clone Name :	18A2
Application :	FACS
Reactivity :	Human
Conjugate :	APC
Gene :	PDGFRB
Gene ID :	5159
Uniprot ID :	P09619
Alternative Name :	PDGFRB,PDGFR,PDGFR1
Isotype :	Mouse IgG1
Immunogen Information :	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

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

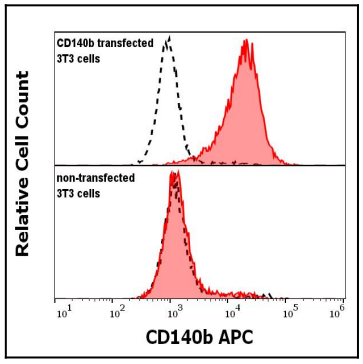


Figure 1: Anti-Hu CD140b APC antibody (concentration in sample 5 µg/ml, red-filled histogram) binds specifically to CD140b on surface of PFGF-RB transfected 3T3 cells (upper panel), but not to non-transefected 3T3 cells (lower panel). Level of non-specific binding was assessed using Mouse IgG1 isotype control APC antibody (MOPC-21) under same conditions (concentration in sample 5 µg/ml, black-dashed histogram).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.