

30-2277: Anti-CD140a / PDGF-RA Monoclonal Antibody (Clone:16A1)-PE Conjugated

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|--------------------------------|----------------------------------|
| Clonality : | Monoclonal |
| Clone Name : | 16A1 |
| Application : | FACS, ICC |
| Reactivity : | Human |
| Conjugate : | PE |
| 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

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

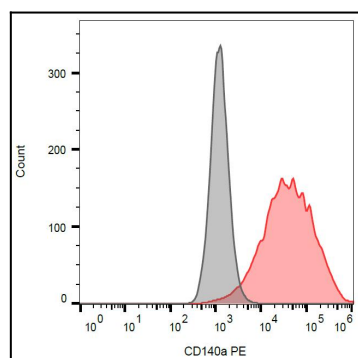


Figure 1: Surface staining of CD140a in CD140a-transfected cells using anti-CD140a (16A1) PE.