

### 43-1058: Monoclonal Antibody to Mouse CD140b (PDGF Receptor b) NALE™ Purified (Clone: APB5)

|                           |   |
|---------------------------|---|
| <b>Clonality :</b>        | Monoclonal  |
| <b>Clone Name :</b>       | APB5  |
| <b>Application :</b>      | FACS  |
| <b>Reactivity :</b>       | Mouse   |
| <b>Gene :</b>             | Pdgfrb  |
| <b>Gene ID :</b>          | 18596   |
| <b>Uniprot ID :</b>       | P05622  |
| <b>Alternative Name :</b> | Pdgfr, Pdgfr1, Beta platelet-derived growth factor receptor, Beta-type platelet-derived growth factor receptor, CD140 antigen-like family member B, Platelet-derived growth factor receptor 1 |
| <b>Isotype :</b>          | Rat IgG2a, kappa  |

#### Description

The APB5 monoclonal antibody specifically binds to the mouse CD140b molecule, otherwise known as the Platelet-Derived Growth Factor (PDGF) Receptor beta chain. CD140b is a receptor tyrosine kinase expressed on embryonic tissue and adult mesenchymal-derived cells. The APB5 antibody is reported to block the binding of PDGF-BB to the PDGF receptor.

#### Product Info

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|----------------------------|---|
| <b>Amount :</b>            | 100 µg  |
| <b>Content :</b>           | 1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.  |
| <b>Storage condition :</b> | The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. |

#### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.