

**43-1057: Monoclonal Antibody to Mouse CD140a (PDGF Receptor  $\alpha$ ) NALE™ Purified (Clone: APA5)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	APA5
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Pdgfra
<b>Gene ID :</b>	18595
<b>Uniprot ID :</b>	P26618
<b>Alternative Name :</b>	Alpha platelet-derived growth factor receptor, Alpha-type platelet-derived growth factor receptor, CD140 antigen-like family member A, Platelet-derived growth factor alpha receptor
<b>Isotype :</b>	Rat IgG2a, kappa

**Description**

The APA5 monoclonal antibody specifically binds to the mouse CD140a molecule, otherwise known as the Platelet-Derived Growth Factor (PDGF) Receptor alpha chain. CD140a is a receptor tyrosine kinase expressed on embryonic tissues and adult mesenchymal-derived cells. It binds to PDGF A and B chains and is reported to be involved with wound healing and exhibits chemo-attractant properties. The APA5 antibody blocks the binding of PDGF-AA to the PDGF receptor.

**Product Info**

<b>Amount :</b>	100 $\mu$ g
<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.