

## Product datasheet for **TA320442**

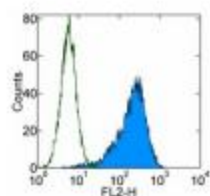
### **Pdgfra Rat Monoclonal Antibody [Clone ID: APA5]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	APA5
Applications:	FC
Recommended Dilution:	Flow, IHC, WB
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	platelet derived growth factor receptor, alpha polypeptide
Database Link:	<a href="#">NP_035188</a> <a href="#">Entrez Gene 18595 Mouse P26618</a>
Background:	The APA5 monoclonal antibody reacts with the mouse CD140a molecule, the $\alpha$ chain of the platelet derived growth factor receptor (PDGF receptor). PDGFR $\alpha$ is a receptor tyrosine kinase that forms dimers on the surface upon ligand binding and phosphorylates substrates. Dimers of PDGFR consist of either homodimers of $\alpha/\alpha$ , $\beta/\beta$ , or heterodimers of $\alpha/\beta$ and serve as a substrate for its kinase activity. CD140a is expressed by embryonic tissues and mesenchymal-derived cells of the adult mouse tissues.
Synonyms:	CD140A; MGC74795; PDGF-R-alpha; PDGFR2; RHEPDGFRA



[View online »](#)

**Product images:**

Staining of NIH/3T3 cell line with 0.5 ug of Rat IgG2a kappa Isotype Control Purified (open histogram) or 0.5 ug of Anti-Mouse CD140a (PDGF Receptor a) Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.