

Anti-Mouse PDGFR α Rat Monoclonal Antibody

Catalog	Unit
TBS10195-0.2MG	0.2 mg
TBS10195-0.5MG	0.5 mg
TBS10195-1MG	1 mg
TBS10195-5MG	5 mg

Product Details

Description: Platelet-derived growth factor receptor alpha (PDGFR α) is a receptor located on the surface of a wide range of cell types. This receptor binds to certain isoforms of platelet-derived growth factors (PDGFs) and becomes active in stimulating cell signaling pathways that elicit responses such as cellular growth and differentiation. PDGFR α is involved in various physiological and pathological processes, including wound healing, tissue repair, and the development of mesenchymal cell types. It plays a critical role in the regulation of cell migration, proliferation, and chemotaxis, particularly in fibroblasts and vascular smooth muscle cells.

Alternative name: alpha-type platelet-derived growth factor receptor; CD140 antigen-like family member A; CD140a antigen; CD140a; EC 2.7.10; EC 2.7.10.1; MGC74795; PDGF-alpha; PDGF R alpha; PDGFR alpha; PDGFR2; PDGFRA; PDGFRA/BCR fusion; PDGF-R-alpha; rearranged-in-hypereosinophilia-platelet derived growth factor receptor alpha fusion protein; RHEPDGFRA

Applications:

- In vivo blocking of PDGFR α
- In vitro of PDGFR α
- Immunohistochemistry
- Flow cytometry
- Western blot
- ELISA.

Molecular Weight: 150 kDa

Immunogen: Recombinant mouse PDGFR α

Host: Rat

Isotype: Rat IgG2a, kappa

Concentration: 4 mg/ml

Purity: >95%

Formulation: PBS, pH 7.0, No stabilizers or preservatives.

Endotoxin: < 2EU/mg

Clonality: Monoclonal

Sterility: 0.2 μ m filtered

Storage: 4°C stable for 2 years. Store at -20 °C for long-term.

For research use only.