

Anti-PDGF Receptor beta PDGFRB Rabbit Monoclonal Antibody

Catalog Number: M00096-1

About PDGFRB

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns (4,5) P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3) . PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

Overview

| | |
|----------------------|---|
| Product Name | Anti-PDGF Receptor beta PDGFRB Rabbit Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-PDGF Receptor beta PDGFRB Rabbit Monoclonal Antibody catalog # M00096-1. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat. |
| Application | IP, IF, IHC, ICC, WB |
| Clonality | Monoclonal AGG-16 |
| Formulation | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P09619 |

Technical Details

| | |
|---------------------|--|
| Immunogen | A synthesized peptide derived from human PDGF Receptor beta |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure. |
| Purification | Affinity-chromatography |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: |

Boster Bio's internal QC testing used:

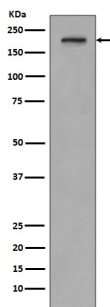
WB 1:500-1:2000

IHC 1:50-1:200

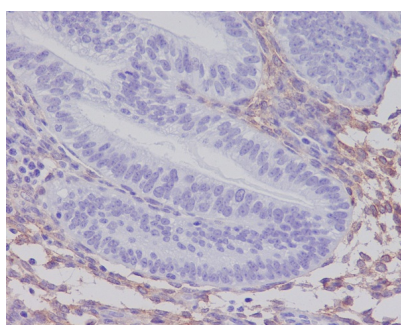
ICC/IF 1:50-1:200

IP 1:50

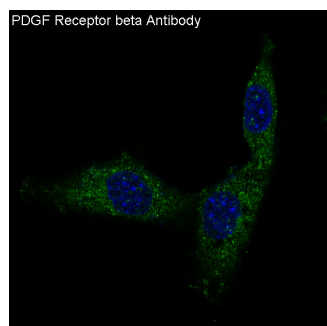
Anti-PDGF Receptor beta PDGFRB Rabbit Monoclonal Antibody (M00096-1) Images



Western blot analysis of PDGF Receptor beta expression in SH-SY5Y cell lysate.



Immunohistochemical analysis of paraffin-embedded human uterus, using PDGF Receptor beta Antibody.



Immunofluorescent analysis of 3T3 cells, using PDGF Receptor beta Antibody.

1 Publications Citing This Product

1. PubMed ID: 18466260, RNA interference targeting the platelet-derived growth factor receptor β subunit ameliorates experimental hepatic fibrosis in rats

Visit bosterbio.com/anti-pdgf-receptor-beta-rabbit-monoclonal-antibody-m00096-1-boster.html to see all 1 publications.

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