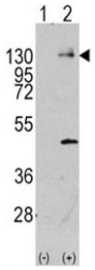
PDGFR Antibody (F50655)

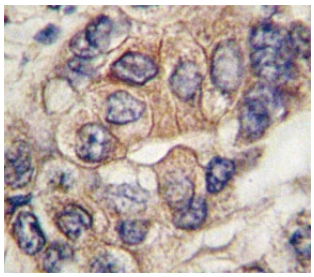
Catalog No.	Formulation	Size
F50655-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50655-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Chicken, Xenopus
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P16234
Localization	Cytoplasmic, membrane
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This PDGFR antibody is available for research use only.



Western blot analysis of PDGFR antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PDGFRA gene (2). Predicted molecular weight: 120-195 kDa.



IHC analysis of FFPE human hepatocarcinoma tissue stained with PDGFR antibody

Description

PDGFR Antibody specifically detects PDGFR, a receptor for PDGFA, PDGFR alpha promotes or inhibits cell proliferation and cell migration. Binding of its cognate ligands - homodimeric PDGFA, homodimeric PDGFB, heterodimers formed by PDGFA and PDGFB or homodimeric PDGFC -leads to the activation of several signaling cascades; the response depends on the nature of the bound ligand and is modulated by the formation of heterodimers between PDGFRA and PDGFRB. [UniProt]

Learn more about PDGFRA expression, platelet-derived growth factor signaling, mesenchymal development, and receptor tyrosine kinase biology on our PDGFR Alpha Antibody / Receptor Tyrosine Kinase Antibody page.

Application Notes

Titration of the PDGFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 698-727 from the human alpha protein was used as the immunogen for this PDGFR antibody.

Storage

Aliquot the PDGFR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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