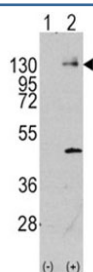


## PDGFR Antibody (F50655)

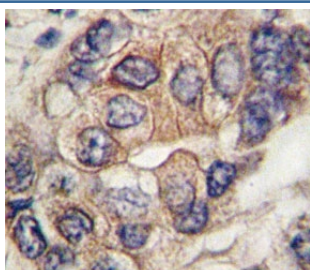
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F50655-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F50655-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

|                             |                                                         |
|-----------------------------|---------------------------------------------------------|
| <b>Availability</b>         | 1-3 business days                                       |
| <b>Species Reactivity</b>   | Human                                                   |
| <b>Predicted Reactivity</b> | Mouse, Rat, Chicken, Xenopus                            |
| <b>Format</b>               | Antigen affinity purified                               |
| <b>Clonality</b>            | Polyclonal (rabbit origin)                              |
| <b>Isotype</b>              | Rabbit Ig                                               |
| <b>Purity</b>               | Antigen affinity                                        |
| <b>UniProt</b>              | P16234                                                  |
| <b>Localization</b>         | Cytoplasmic, membrane                                   |
| <b>Applications</b>         | Western Blot : 1:1000<br>IHC (Paraffin) : 1:10-1:50     |
| <b>Limitations</b>          | 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

As 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]

## 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.