## PDGF Receptor beta Ab

Cat.\#: DF6903
Size:

Concn.: $\sim 1 \mathrm{mg} / \mathrm{ml}$
Source: Rabbit

Mol.Wt.: 124 kDa
Clonality: Polyclonal

Application:
Reactivity:

Storage:

Purification:

Immunogen:

Uniprot:
Description:

WB 1:500-1:2000, IHC 1:50-1:200
*The optimal dilutions should be determined by the end user. Human,Mouse, Rat

Rabbit IgG in phosphate buffered saline , $\mathrm{pH} 7.4,150 \mathrm{mM} \mathrm{NaCl}, 0.02 \%$ sodium azide and $50 \%$ glycerol. Store at $-20^{\circ} \mathrm{C}$. Stable for 12 months from date of receipt.

The antiserum was purified by peptide affinity chromatography using SulfoLink ${ }^{\text {TM }}$ Coupling Resin (Thermo Fisher Scientific).

A synthesized peptide derived from human PDGF Receptor beta, corresponding to a region within C-terminal amino acids.

P09619

Platelet derived growth factor (PDGF) family proteins exist as several disulphide-bonded, dimeric isoforms (PDGF AA, PDGF AB, PDGF BB, PDGF CC, and PDGF DD) that bind in a specific pattern to two closely related receptor tyrosine kinases, PDGF receptor ? (PDGFR?) and PDGF receptor? (PDGFR?). PDGFR? and PDGFR? share $75 \%$ to $85 \%$ sequence homology between their two intracellular kinase domains, while the kinase insert and carboxy-terminal tail regions display a lower level ( $27 \%$ to 28\%) of homology . PDGFR? homodimers bind all PDGF isoforms except those containing PDGF D. PDGFR? homodimers bind PDGF BB and DD isoforms, as well as the PDGF AB heterodimer. The heteromeric PDGF receptor ?/? binds PDGF $\mathrm{B}, \mathrm{C}$, and D homodimers, as well as the PDGF AB heterodimer .


Western blot analysis of extracts from mouse lung, using PDGFRB Ab. The lane on the left was treated with the antigen-specific peptide.

```
IMPORTANT: For western blot, incubate membrane with diluted primary Ab
in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4 }\mp@subsup{}{}{\circ}\textrm{C}\mathrm{ with gentle shaking,
overnight.
```

Affinity Biosciences
website:www.affbiotech.com
order:order@affbiotech.com
For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.

