

PRODUCT INFORMATION SUMMARY

Anti-PDGF (Polyclonal)

Anti-Human PDGF-AA:

Purified Antibody	Product Number	RHF500	0.1 mg
Biotin conjugate	Product Number	RHF500B	50.0 ug

Anti-Human PDGF-BB

Purified Antibody	Product Number	RHF510	0.1 mg
Biotin conjugate	Product Number	RHF510B	50.0 ug

SPECIFICITY:

Rabbit polyclonal antibodies to human Platelet Derived Growth Factor (PDGF), produced from highly purified recombinant human PDGF-AA or PDGF-BB as immunogen. Human PDGF is a mitogen for many cell types, including connective tissue, fibroblasts and smooth muscle. It consists as two chains (A and B), and can be present as AA, BB, or AB heterodimer. PDGF-AA is 28.5 kDa homodimer; PDGF-BB is a 24.3 kDa homodimer. Antiserum fraction further purified by

* Purified by antigen-affinity chromatography for greater specificity in all applications.

SOURCE: Rabbit antiserum, antigen-affinity purified, sterile filtered.

RESEARCH APPLICATIONS:

NEUTRALIZING ACTIVITY: PDGF-AA (10ng/mL): One half maximal inhibition with antibody concentration of 0.19 ug/mL.
PDGF-BB (10ng/mL): Antibody concentration of 0.07 ug/mL.

ELISA: PDGF-AA and PDGF-BB: Use 0.5 ug/mL antibody concentration to achieve detection of approx. 0.3 ng/well.

Western Blot: Both PDGF-AA and PDGF-BB, use 0.2 ug/mL antibody concentration to detect 2.0 ng/lane recombinant factor under reducing or non-reducing conditions.

HANDLING AND STORAGE:

Purified polyclonal antibody provided lyophilized from PBS. Reconstitute in 100 uL sterile water. For **biotin conjugate** reconstitute in 500 ul sterile water **containing 0.1% BSA**. Small aliquots may be frozen at -20° C for long-term storage. Antibody is stable for approximately one month, without preservative, in liquid state, at 4 degrees C. Avoid repeat freeze-thaw cycles.

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RESEARCH USE ONLY

NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.