

PDGFAA

Rabbit Anti-Human Platelet-Derived Growth Factor alpha Polypeptide Affinity Purified pAb

Catalog No.	PA1122	Quantity:	100 µg
Alternate Names:	PDGF A-chain, PDGFA, PDGF-A, PDGF1		
Gene ID:	5154		
Description:	Rabbit Anti-Human PDGFAA Affinity Purified polyclonal antibody		
Specificity:	Human PDGFAA		
Host:	Rabbit		
Immunogen:	Recombinant human PDGFAA		
Formulation:	Lyophilized from a sterile filtered solution in PBS, pH 7.2		
Purification:	Biospecific affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration of 0.1-1.0 mg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Applications:	Western Blot ELISA Neutralization		
Application Notes:	<p>To detect human PDGFAA by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant human PDGFAA is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>To detect human PDGFAA by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant human PDGFAA.</p> <p>For Neutralization, to yield one-half maximal inhibition [ND50] of the biological activity of human PDGFAA (10.0 ng/ml), a concentration of 0.17-0.19 µg/ml of this antibody is required.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Lyophilized antibody is stable for 1 year at -20°C. Reconstituted antibody is stable for 6 weeks at 2-4°C. Avoid repeated freeze-thaw cycles.		

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Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com