

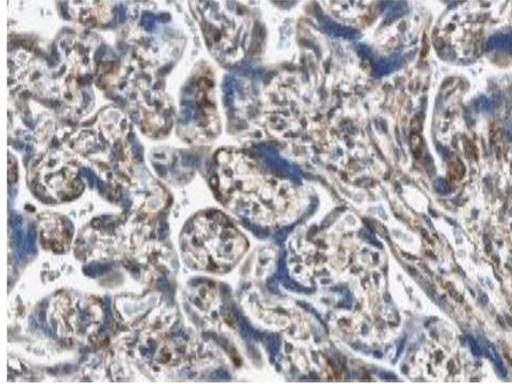
PDGFA

Mouse Anti-Human PDGF-AA (Clone 6D35) mAb

Catalog No.	CMP106	Quantity:	100 µg
Alternate Names:	Platelet-derived growth factor subunit A, PDGF subunit A, PDGF-1, Platelet-derived growth factor A chain, Platelet-derived growth factor alpha polypeptide, PDGF-AA		
Description:	<p>This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with human PDGF-AA recombinant protein. Platelet-derived growth factor (PDGF) was discovered as a major mitogenic factor present in serum but absent from plasma. It was found to be secreted from the α-granules of platelets activated during the coagulation of blood to form serum. Subsequent studies have demonstrated that PDGF is not one molecule but three, each a dimeric combination of two distinct but structurally related peptide chains designated A and B. The dimeric isoforms PDGFAA, AB and BB are differentially expressed in various cell types and their effects are mediated through two distinct receptors, termed α and β.</p>		
UniProt ID:	P04085		
Gene ID:	5154		
Specificity:	Recognizes human PDGF-AA, homodimer		
Immunogen:	Recombinant human PDGF-AA, homodimer		
Isotype:	Mouse IgG2		
Clone:	6D35		
Formulation:	Lyophilized from sterile-filtered PBS		
Purification:	Protein G affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with 500 µl sterile PBS for a concentration of 200 µg/ml		
Cross-Reactivity:	25% cross-reactivity with PDGF-AB and no cross-reactivity with PDGF-BB		
Applications:	Western Blot: suggested dilution 1:1,000-1:2,000 IHC: suggested dilution 1:50- 1:200 The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store lyophilized antibody at -80°C for at least 1 year. Reconstituted antibody is stable for at least six months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		



IHC formalin fixed and paraffin embedded human placenta tissue section using clone 6D35 following Proteinase K pretreatment.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

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