

Anti-human PIGF Polyclonal Antibody

Catalog No:	CPP500A CPP500B	Size: 100 µg Size: 200 µg
Description:	Produced from sera of rabbits immunized with a highly purified N-terminal peptide of human PIGF (placenta growth factor). Anti-PIGF was purified by affinity chromatography with immobilized Protein A.	
Host species:	Rabbit	
Antigen:	N-terminal 20 amino acid peptide	
Purification:	Protein A chromatography	
Stabilizer:	none	
Buffer:	lyophilized from PBS, pH 7.4 w/o preservative	
Formulation:	lyophilized rabbit IgG	
Reconstitution:	Centrifuge vial briefly prior to opening to bring contents to bottom of vial. The lyophilized IgG is stable at 4°C for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water to a concentration of >0.5 mg/ml the antibody is stable for at least six weeks at 2-4°C.	
Cross-Reactivity:	The antibody will react with all human PIGF isoforms. Cross-reactivity with other species is not investigated.	
Western Blot:	We recommend using the IgG at a concentration of 10 µg/ml in Western Blot analysis. It will detect 25-50 ng/lane of recombinant human PIGF-1 and PIGF-2 under reducing conditions. Dimers are detected at higher protein amounts/lane.	
ELISA:	To detect human PIGF by direct ELISA a concentration of at least 1-5 µg/ml is required. This purified IgG, in combination with compatible secondary reagents, allows the detection of 1.0-2.5 ng/well of recombinant human PIGF-1 and PIGF-2.	
Immunocytochemistry:	To detect human PIGF in tissue section (e.g. placenta tissue) use 5-25 µg/ml IgG. This antibody, in combination with compatible secondary reagents, allows the detection of PIGF protein in different human tissue including placenta and brain tumors.	

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



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