

## Anti-human PIGF Polyclonal Antibody

<b>Catalog No:</b>	CPP500A CPP500B	<b>Size:</b> 100 µg <b>Size:</b> 200 µg
<b>Description:</b>	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.	
<b>Host species:</b>	Rabbit	
<b>Antigen:</b>	N-terminal 20 amino acid peptide	
<b>Purification:</b>	Protein A chromatography	
<b>Stabilizer:</b>	none	
<b>Buffer:</b>	lyophilized from PBS, pH 7.4 w/o preservative	
<b>Formulation:</b>	lyophilized rabbit IgG	
<b>Reconstitution:</b>	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.	
<b>Cross-Reactivity:</b>	The antibody will react with all human PIGF isoforms. Cross-reactivity with other species is not investigated.	
<b>Western Blot:</b>	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.	
<b>ELISA:</b>	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.	
<b>Immunocytochemistry:</b>	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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