

**Anti-Human PDGF-AA Antibody**  
Catalog # ABG10455**Specification****Anti-Human PDGF-AA Antibody - Product Information**

Application	<b>WB, IHC, E</b>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**Anti-Human PDGF-AA Antibody - Additional Information****Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hPDGF-AA. Anti-Human PDGF-AA specific antibody was purified by affinity chromatography employing immobilized hPDGF-AA matrix.

**WesternBlot**

To detect hPDGF-AA 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 hPDGF-AA is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect hPDGF-AA by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Human PDGF-AA (60-265BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hPDGF-AA.

**Immunohistochemistry**

This antibody stained formalin-fixed, paraffin-embedded sections of normal human skin. The recommended concentration is 1.0 µg/ml overnight at 4°C. An HRP-labeled polymer detection system was used with a non-alcohol soluble AEC chromogen and a proteinase K antigen retrieval. Optimal concentrations and conditions may vary.

**Neutralization**

To yield one-half maximal inhibition [ $ND_{50}$ ] of the biological activity of hPDGF-AA (5.0 ng/ml), a concentration of 0.13-0.20 µg/ml of this antibody is required.

**Formulation**

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

**Reconstitution**

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

**Storage**

-20°C

**Precautions**

Anti-Human PDGF-AA Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

### **Anti-Human PDGF-AA Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-Human PDGF-AA Antibody - Images**