

**bs-10073R****[ Primary Antibody ]****PDGF-A Rabbit pAb****Bioss**  
**ANTIBODIES**

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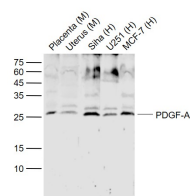
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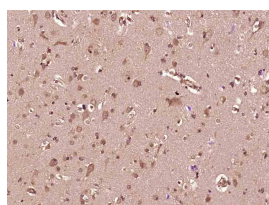
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5154**SWISS:** P04085**Target:** PDGF-A**Immunogen:** KLH conjugated synthetic peptide derived from human PDGF-A: 102-213/213.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

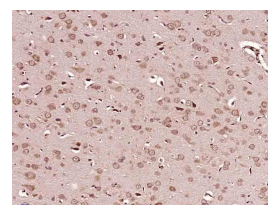
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit A, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit B. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (0.2μg/Test)**Reactivity:** Human, Mouse  
(predicted: Rat, Rabbit)**Predicted  
MW.:** 24 kDa**Subcellular  
Location:** Secreted**VALIDATION IMAGES**

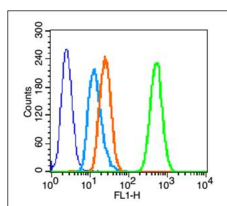
Sample: Lane 1: Placenta (Mouse) Lysate at 40 ug  
 Lane 2: Uterus (Mouse) Lysate at 40 ug  
 Lane 3: Siha (Human) Cell Lysate at 30 ug  
 Lane 4: U251 (Human) Cell Lysate at 30 ug  
 Lane 5: MCF-7 (Human) Cell Lysate at 30 ug  
 Primary: Anti-PDGF-A (bs-10073R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 25 kD  
 Observed band size: 25 kD



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PDGF-A) Polyclonal Antibody, Unconjugated (bs-10073R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PDGF-A) Polyclonal Antibody, Unconjugated (bs-10073R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (blue line): A431 cells (fixed with 70% methanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C). Primary Antibody (green line):

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Rabbit Anti-PDGF-A antibody  
(bs-10073R), Dilution: 0.2µg /10<sup>6</sup> cells; Isotype  
Control Antibody (orange line): Rabbit IgG .  
Secondary Antibody (white blue line): Goat anti-  
rabbit IgG-FITC, dilution: 1µg /test.

## — SELECTED CITATIONS —

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- **[IF=2.8]** Ju Hwan Jeong. et al. Regorafenib as a potential drug for severe COVID - 19: inhibition of inflammasome activation in mice. *febs open bio.* 2025 Mar;15(3):427-435. IF ;Mouse. 39895416