# Pdgfd Antibody

**Product Code**  
CSB-PA852889LA01MO

**Abbreviation**  
Platelet-derived growth factor D

**Storage**  
Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

**Uniprot No.**  
Q925I7

**Immunogen**  
Recombinant Mouse Platelet-derived growth factor D protein (24-370AA)

**Raised In**  
Rabbit

**Species Reactivity**  
Mouse, Human

**Tested Applications**  
ELISA, WB, IF; Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200

**Relevance**  
Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing (By similarity). Has oncogenic potential and can induce tumor formation. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. Can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix.

**Form**  
Liquid

**Conjugate**  
Non-conjugated

**Storage Buffer**  
Preservative: 0.03% Proclin 300  
Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

**Purification Method**  
>95%, Protein G purified

**Isotype**  
IgG

**Clonality**  
Polyclonal

**Alias**  
Platelet-derived growth factor D (PDGF-D) (Spinal cord-derived growth factor B) (SCDGF-B) [Cleaved into: Platelet-derived growth factor D, latent form (PDGFD latent form); Platelet-derived growth factor D, receptor-binding form (PDGFD receptor-binding form)], Pdgfd, Scdgfb

**Species**  
Mus musculus (Mouse)

**Research Area**  
Cardiovascular

**Target Names**  
Pdgfd

**Image**
Immunofluorescent analysis of HepG2 cells using CSB-PA852889LA01MO at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Western Blot
Positive WB detected in: A549 whole cell lysate, Hela whole cell lysate
All lanes: Pdgfd antibody at 3μg/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 43, 31 kDa
Observed band size: 43 kDa