

Datasheet for ABIN7177754
anti-PDGFD antibody (AA 24-370)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PDGFD
Binding Specificity:	AA 24-370
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFD antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Mouse Platelet-derived growth factor D protein (24-370AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	PDGFD
Alternative Name:	Pdgfd (PDGFD Products)
Background:	Background: Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells

Target Details

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.

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

UniProt: [Q925I7](#)

Pathways: [RTK Signaling](#), [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

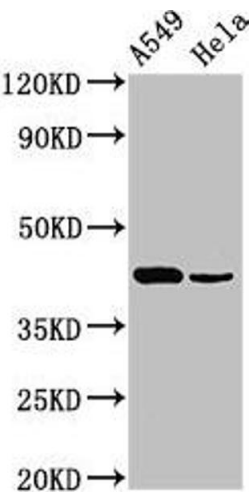
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

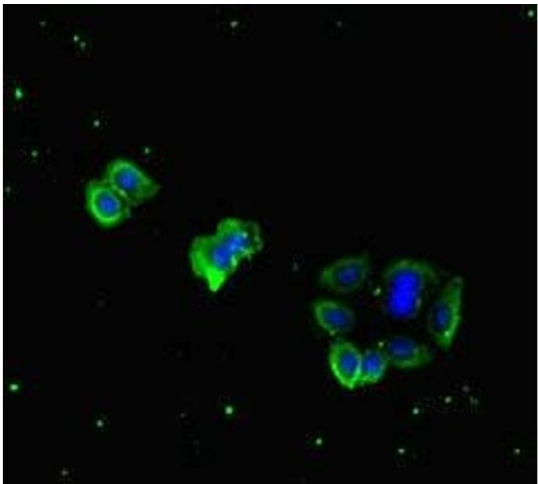
Storage: -20 °C,-80 °C

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



Western Blotting

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



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7177754 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)