

For Research Use Only

PDGF-D Polyclonal antibody, PBS Only

Catalog Number: 14075-1-PBS

Featured Product



Basic Information

Catalog Number:

14075-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5154

GenBank Accession Number:

BC030645

GeneID (NCBI):

80310

UNIPROT ID:

Q9GZPO

Full Name:

platelet derived growth factor D

Calculated MW:

43 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, IF/ICC, IF-P, Indirect ELISA

Species Specificity:

human, rat

Background Information

Platelet-derived growth factor-D (PDGF-D) is the newest member of the PDGF family. It is secreted as a latent dimer that must undergo extracellular proteolytic removal of its N-terminal CUB domain before the growth-factor domain can activate the β -PDGFR. Once activated, PDGF-D drives proliferation, migration and survival of mesenchymal cells and promotes angiogenesis, wound healing and tissue remodeling. Clinically, PDGF-D is up-regulated in several cancers and in fibrotic diseases of the heart, kidney and lung, making it a potential therapeutic target.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

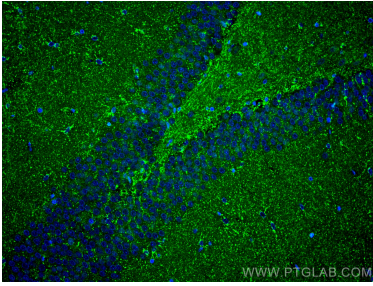
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

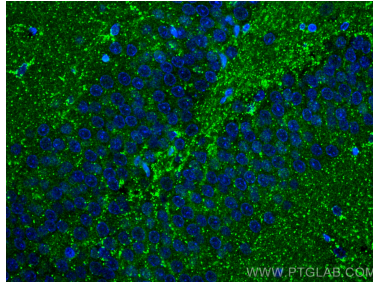
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

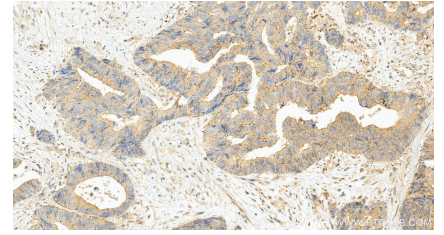
Selected Validation Data



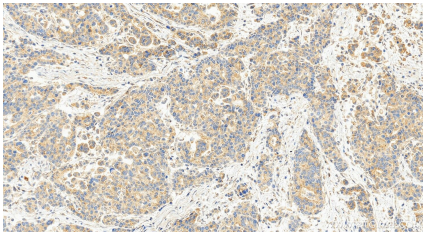
Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using PDGFD antibody (14075-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 14075-1-PBS in a different storage buffer formulation.



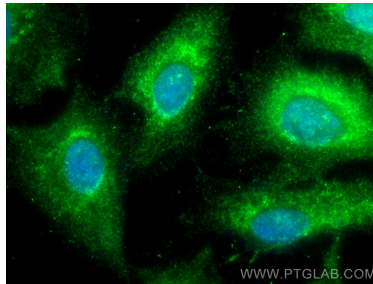
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Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14075-1-AP (PDGF-D antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14075-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 14075-1-AP (PDGF-D antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14075-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using PDGFD antibody (14075-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 14075-1-PBS in a different storage buffer formulation.