

Datasheet for ABIN6391413  
**anti-PDGFB antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	PDGFB
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PDGFB antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	PDGFB precursor
Sequence:	KHRKFKHTHD KT
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 and 2 (NP_002599.1, NP_148937.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat, Sheep
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	PDGFB
Alternative Name:	PDGFB ( <a href="#">PDGFB Products</a> )
Background:	PDGFB, platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog), FLJ12858, PDGF2, SIS, SSV, c-sis, PDGF, B chain, Platelet-derived growth factor, beta polypeptide (oncogene SIS), becaplermin, oncogene SIS, platelet-d
Gene ID:	5155, 18591, 24628
NCBI Accession:	<a href="#">NP_002599</a> , <a href="#">NP_148937</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

## Application Details

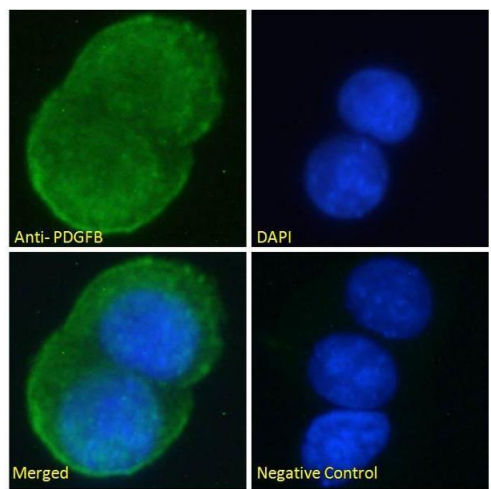
Application Notes:	Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	<b>Immunofluorescence:</b> Strong expression of the protein seen in the vesicles of MCF7 cells. Recommended concentration: 10µg/ml. <b>Flow Cytometry:</b> Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

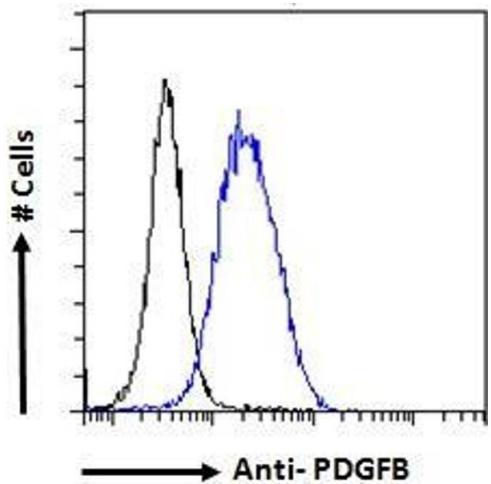
at 4°C for a few weeks and still remain viable.

Images



Immunofluorescence

**Image 1.** ABIN6391413 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry

**Image 2.** ABIN6391413 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.