

Goat PDGFB Precursor Antibody | anti-PDGFB antibody

Goat Anti-PDGFB Precursor Antibody

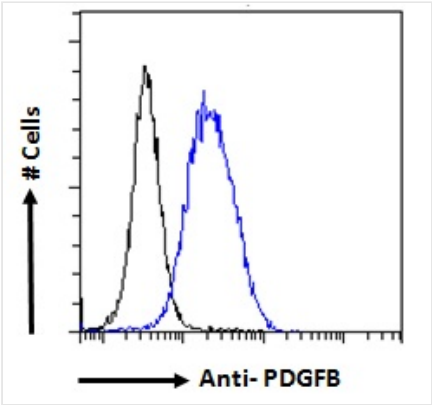
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61834	Goat	HumanExpected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Sheep	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

PRODUCT SYNONYMS

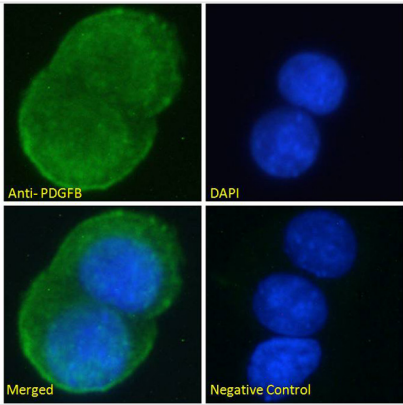
PDGFB Precursor; Goat Anti-PDGFB Precursor Antibody; PDGFB; platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog); FLJ12858; PDGF2; SIS; SSV; c-sis; PDGF; B chain; Platelet-derived growth factor; beta polypeptide (oncogene SIS); becaplermin; oncogene SIS; platelet-derived growth factor 2; platelet-derived growth factor beta; platelet-derived growth factor; v-sis platelet-derived growth factor beta polypeptide (simian sarcoma viral oncogene homolog); anti-PDGFB antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Sheep
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	241
Applicable Applications for anti-PDGFB antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KHRKFKHTHDKT, from the C Terminus of the protein sequence according to NP_002599.1; NP_148937.1.
Peptide Sequence	KHRKFKHTHDKT
Epitope	C Terminus
Important comments	This antibody is expected to recognize isoform 1 and 2 (NP_002599.1; NP_148937.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



FCM/FACS (Flow Cytometry)
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) fol



IF (Immunofluorescence)
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)

ADDITIONAL INFORMATION

References	Tchougounova E, Jiang Y, Bråsåter D, Lindberg N, Kastemar M, Asplund A, Westermarck B, Uhrbom L.: Sox5 can suppress platelet-derived growth factor B-induced glioma development in Ink4a-deficient mice through induction of acute cellular senescence. Oncogene 2009 Mar 28 (12): 1537-48. PMID: 19219070
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505681
NCBI GeneID	5155
NCBI Accession #	NP_002599.1; NP_148937.1
NCBI GenBank Nucleotide #	NP_002599.1
UniProt Accession #	P01127
NCBI Official Full Name	platelet-derived growth factor subunit B isoform 1 preproprotein
NCBI Official Synonym Full Names	platelet derived growth factor subunit B
NCBI Official Symbol	PDGFB
NCBI Official Synonym Symbols	SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2
NCBI Protein Information	platelet-derived growth factor subunit B
UniProt Protein Name	Platelet-derived growth factor subunit B
UniProt Gene Name	PDGFB
UniProt Synonym Gene Names	PDGF2; SIS; PDGF subunit B
UniProt Entry Name	PDGFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.