# antibodies - online.com







## anti-PDGFB antibody (C-Term)

**Images** 



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Alternative Name:

Quantity:	400 μL
Target:	PDGFB
Binding Specificity:	AA 212-241, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)
Product Details	
Immunogen:	This PDGFB antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 212-241 amino acids from the C-terminal region of human PDGFB.
Clone:	RB2203
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	

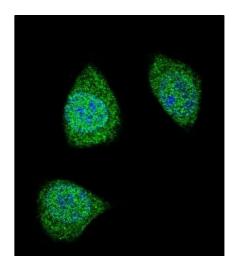
PDGFB (PDGFB Products)

## **Target Details**

Expiry Date:

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Background:	PDGFB is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. This gene product can exist either as a homodimer or as a heterodimer with the platelet-derived growth factor alpha polypeptide, where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 7, at sites where this gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor.
Molecular Weight:	27283
Gene ID:	5155
NCBI Accession:	NP_002599, NP_148937
UniProt:	P01127
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Carbohydrate Metabolic Process, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sma aliquots to prevent freeze-thaw cycles.
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6 months



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#### **Immunofluorescence**

**Image 1.** Confocal immunofluorescent analysis of PDGFB Antibody (C-term) (ABIN388460 and ABIN2848858) with 293 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

### **Western Blotting**

**Image 2.** The anti-PDGFB C-term Pab (ABIN388460 and ABIN2848858) is used in Western blot to detect PDGFB in cell lysate.