



# Anti-PDGFB polyclonal antibody (DPAB-DC801)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	PDGFB (platelet-derived growth factor beta polypeptide) is a protein-coding gene. Diseases associated with PDGFB include dermatofibrosarcoma, and diabetic foot ulcers, and among its related super-pathways are Focal Adhesion and Regulation of actin cytoskeleton. GO annotations related to this gene include growth factor activity and protein homodimerization activity. An important paralog of this gene is PDGFA.
<b>Specificity</b>	Recombinant murine PDGF-BB can be used as a positive control.
<b>Immunogen</b>	Recombinant protein corresponding to mouse Pdgfb.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS pH 7.2 (30% glycerol, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Pdgfb platelet derived growth factor, B polypeptide [ <i>Mus musculus</i> (house mouse) ]</a>
Official Symbol	PDGFB
Synonyms	PDGFB; platelet derived growth factor, B polypeptide; Sis; PDGF-B; platelet-derived growth factor subunit B; c-sis; PDGF-2; PDGF subunit B; proto-oncogene c-Sis; platelet-derived growth factor B chain; platelet-derived growth factor beta polypeptide;
Entrez Gene ID	<a href="#">18591</a>
Protein Refseq	<a href="#">NP_035187</a>
UniProt ID	<a href="#">P31240</a>
Chromosome Location	15 E; 15 37.85 cM
Pathway	Adaptive Immune System; Cytokine-cytokine receptor interaction; DAP12 interactions; Disease
Function	chemoattractant activity; collagen binding; growth factor activity; identical protein binding