

## Rabbit Anti-PDGFR $\beta$ /Biotin Conjugated antibody

SL6081R-Bio

<b>Product Name</b>	Anti-PDGFR $\beta$ /Biotin
<b>Chinese Name</b>	生物素标记的血小板源性生长因子受体 $\beta$ 样蛋白抗体
<b>Alias</b>	PDGF receptor beta like tumor suppressor; PGFR $\beta$ _HUMAN; PDGFR-like protein; PDGRL; PRLTS.
<b>Research Area</b>	Tumour immunology
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Dog,Horse) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:500-5000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	40kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration immunogen</b>	1mg/ml KLH conjugated synthetic peptide derived from human PDGFR $\beta$
<b>Isotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> This protein is expressed in colon, lung and liver. Defects in PDGFR $\beta$ are associated with colorectal cancer. <b>Subunit:</b> Forms a complex composed of PDGFR $\beta$ , TNK2 and GRB2.

**Subcellular Location:**

Secreted (Probable).

**Tissue Specificity:**

Expressed in colon, lung and liver.

**DISEASE:**

Colorectal cancer (CRC) [MIM:114500]: A complex disease characterized by malignant lesions arising from the inner wall of the large intestine (the colon) and the rectum. Genetic alterations are often associated with progression from premalignant lesion (adenoma) to invasive adenocarcinoma. Risk factors for cancer of the colon and rectum include colon polyps, long-standing ulcerative colitis, and genetic family history. Note=The gene represented in this entry is involved in disease pathogenesis.

Note=A polymorphism in PDGFRL has been reported to be associated with susceptibility to Behcet disease (PubMed:19815557). Behcet disease is a complex multiple-system disorder characterized by recurrent oral ulcerations, recurrent genital ulcerations, typical skin lesions, and uveitis. Behcet disease also involves joints, blood vessels, musculoskeletal, neurological systems, and the gastrointestinal tract.

**Similarity:**

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

**Database links:**

[Entrez Gene: 5157](#) Human

[Entrez Gene: 68797](#) Mouse

[Entrez Gene: 515017](#) Cow

[GenBank: NP\\_006198.1](#) Human

[Omid: 604584](#) Human

[SwissProt: Q5BIP2](#) Cow

[SwissProt: Q15198](#) Human

[SwissProt: Q2PFX1](#) Monkey

[SwissProt: Q6PE55](#) Mouse

[Unigene: 458573](#) Human

[Unigene: 284246](#) Mouse



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**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.