

## PDGFB (DGR33127) Rat mAb

db22016

Package : 10µL 20µL 50µL 100µL

**Product Name** : PDGFB (DGR33127) Rat mAb**Cat.No.:** db22016**Synonyms** : SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2**Application** : IHC-P**Reactivity** : Human**Host species** : Rat**Background**

This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit B, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit A. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 17, at sites where this gene and that for collagen type 1, alpha 1 are located, are associated with dermatofibrosarcoma protuberans, a rare skin tumor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

**Immunogen**

Recombinant protein of human PDGFB

**Gene ID**

5155

**Swiss Prot**

P01127

**Synonyms**

SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2

**Reactivity**

Human

**Application**

IHC-P

**Recommended dilution**

IHC-P: 1:200-1:500

**Calculated MW**

27 kDa

**Host species**

Rat

**Clonality**

Monoclonal

**Clonality No.**

DGR33127

**Isotype**

IgG2b

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.