

## PDGFB 抗原（多肽片段）

中文名称：PDGFB 抗原（多肽片段）

英文名称： PDGFB Antigen (Peptide fragment)

相关类别： 抗原

储 存： 冷冻（-20℃）

### 概述

Synthetic peptide corresponding to a region derived from 101-115 amino acids (TEVFEISRRLIDRTN) of Human PDGFB

### 技术规格

<b>Full name:</b>	Platelet-derived growth factor beta polypeptide
<b>Synonyms:</b>	SIS, SSV, PDGF2, c-sis
<b>Gene Accession:</b>	NP_002599
<b>Swissprot:</b>	P01127
<b>Background:</b>	The protein encoded by this gene 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 (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), 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. Two alternatively spliced transcript variants encoding different isoforms have been identified for this gene.