PDGFC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PDGFC, Polyclonal Antibody
Full Product Name	PDGFC, NT (PDGFC, SCDGF, Platelet-derived growth factor C, Fallotein, Spinal cord-derived growth factor, VEGF-E, Platelet-derived growth factor C, latent form, Platelet-derived growth factor C, receptor-binding form) (MaxLight 490)
Product Gene Name	anti-PDGFC antibody
Product Synonym Names	PDGFC; SCDGF; Platelet-derived growth factor C; Fallotein; Spinal cord-derived growth factor; VEGF-E; Platelet-derived growth factor C; latent form; Platelet-derived growth factor C; receptor-binding form
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
3D Structure	ModBase 3D Structure for Q9UL22
Immunogen	PDGFC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected between amino acids 80-110 of human PDGFC.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-PDGFC antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-PDGFC antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-PDGFC antibody	IHC: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-PDGFC antibody	Platelet-derived growth factor C (PDGFC) 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. PDGFC seems to form only homodimers, where the dimers are connected by disulfide bonds. It differs from the platelet-derived growth factor alpha (PDGFA) and beta (PDGFB) in having an unusual N-terminal domain, the CUB domain.
Product References and Citations for anti-PDGFC antibody	Fang, L., et al., Arterioscler. Thromb. Vasc. Biol. 24(4):787-792 (2004). Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Eitner, F., et al., J. Am. Soc. Nephrol. 14(5):1145-1153 (2003). Reigstad, L.J., et al., J. Biol. Chem. 278(19):17114-17120 (2003). Zwerner, J.P., et al., Oncogene 21(24):3847-3854 (2002).

Other Notes	Small volumes of anti-PDGFC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PDGFC purchase	MBS6332260 is an antibody targeting PDGFC. Also known as PDGFC, NT (PDGFC, SCDGF, Platelet-derived growth factor C, Fallotein, Spinal cord-derived growth factor, VEGF-E, Platelet-derived growth factor C, latent form, Platelet-derived growth factor C, receptor-binding form) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PDGFC. It may not necessarily be applicable to this product.

NCBI GI #	74735050
NCBI GeneID	56034
UniProt Primary Accession #	Q9UL22
UniProt Related Accession #	Q9NRA1
NCBI Official Synonym Full Names	platelet derived growth factor C
NCBI Official Symbol	PDGFC
NCBI Official Synonym Symbols	SCDGF; FALLOTEIN
Protein Family	Platelet-derived growth factor
NCBI Protein Information	platelet-derived growth factor C
NCBI Summary for PDGFC	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 core motif of eight cysteines. This gene product appears to form only homodimers. It differs from the platelet-derived growth factor alpha and beta polypeptides in having an unusual N-terminal domain, the CUB domain. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2010]
Research Articles on PDGFC	**1.** The authors found PDGF-C to be highly expressed in breast carcinoma cell lines. I
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