

PDGFR Alpha mouse Monoclonal Antibody(4G11)

Description

Product type Primary Antibody

Code BT-MCA1010

Host Mouse

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthetic Peptide of PDGFRα at AA range of 1010-1090

Mol wt N/A

Species reactivity Human, Rat, Mouse

Clonality Monoclonal

Recommended application IHC-p, IF

Concentration 1 mg/ml

Full name PDGFRA
Synonyms PDGFRA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

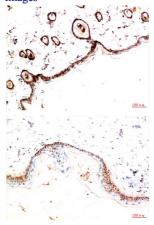
This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

Recommended Dilution

IHC: 1:100-200

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Rat Skin Tissue using PDGFR a Mouse Monoclonal antibody diluted at 1:200.

Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using PDGFR a Mouse Monoclonal antibody diluted at 1:200.

Storage

-20°C for one year

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