

PDGFR α (AB0821) mouse mAb

W0142

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat

Applications

- WB, IF, ELISA

MW

- 175 kDa (calculated)
- 190 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

WB, IF, ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-400 | ELISA, Recommended starting concentration is 1 μ g/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB0821

Immunogen A synthetic peptide corresponding to the amino acid region 300-400 of the human PDGFR α protein.

Specificity This antibody detects endogenous levels of PDGFR α protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name PGFRA

Protein Name PDGFR α

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P16234	5156

Background

platelet derived growth factor receptor alpha(PDGFR α) Homo sapiens 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. [provided by RefSeq, Mar 2012],



2200 Ringwood Ave. San Jose, CA 95131
1 (877) 594-3616 (Toll Free), (408) 747-0185

www.assaybiotechnology.com
tech@assaybiotech.com | order@assaybiotech.com
