

#M26005

PDGFR β Mouse mAb

Abmart

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- 50 μ l
- 100 μ l
- 200 μ l

DESCRIPTION

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. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with a polypeptide (Abmart SEAL mAb technology) corresponding to surface multiepitopes of human PDGFR beta

STORAGE

Store at -20°C , stable for one year from the date of shipment.

ALIASES

Cd140b, JTK12, PDGFR, PDGFR1

REACTIVITY

Homo sapiens

ISOTYPE

Mouse IgG

PREDICTED MOLECULAR WEIGHT

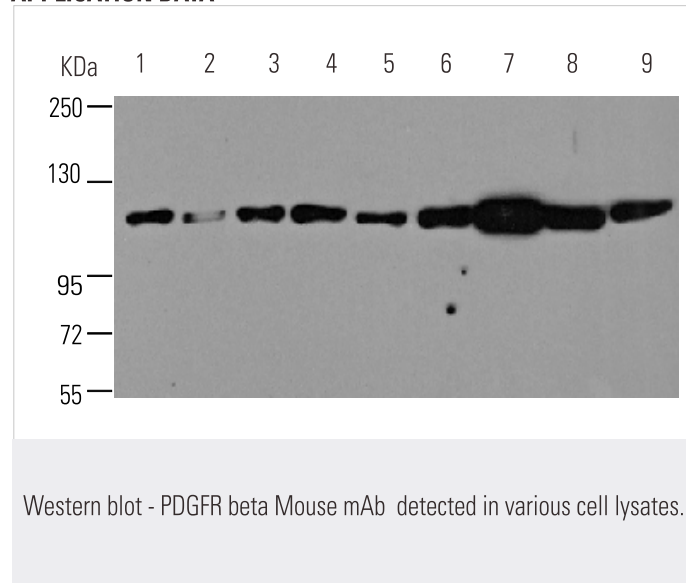
124 KDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting 1:500-1:2000

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

APPLICATION DATA



All lanes : PDGFR beta Mouse mAb detected in various cell lysates
Lane 1 -9: MCF-7,A549,HepG2,COS-7,C2C12,A431,MDCK,Pc12,Jurkat

Primary antibody:1:1000

Secondary

Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution

Predicted band size : 124 KDa

Observed band size : 124 KDa

Blocking/Dilution buffer : 1 \times TBST.

COMPANION PRODUCTS

#M21001 Goat-anti-Mouse IgG-HRP

#M20001 His-Tag mAb

#M20002 Myc-Tag mAb

#M20003 HA-Tag mAb

#M20018 Anti-DYKDDDDK-Tag mAb (Agarose conjugated)

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, CHIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

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For *in vitro* research use only and not intended for use in humans or animals.