

Mouse Monoclonal Antibody to PDGFRB

Catalogue Number	sAP-1190
Target Molecule	<p>Name: PDGFRB</p> <p>Aliases: IMF1; IBGC4; JTK12; PDGFR; CD140B; PDGFR1; PDGFR-1</p> <p>MW: 124kDa</p> <p>Entrez Gene ID: 5159</p>
Description	<p>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.;</p>
Immunogen	Purified recombinant fragment of human PDGFRB (AA: 33-133) expressed in E. Coli.
Reactive Species	Human; Mouse;
Clone	MM2G7B7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Cell Sci. 2012 May 1;125(Pt 9):2276-87. ; 2.J Cell Physiol. 2012 May;227(5):2089-96.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**