

## Product datasheet for **BM229**

### PDGF Receptor beta (PDGFRB) Mouse Monoclonal Antibody [Clone ID: 21/72]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	21/72
Applications:	IF, IHC, IP, WB
Recommended Dilution:	Flow Cytometry: 25 µg/ml. Immunoprecipitation. Western Blot. Immunohistochemistry on frozen sections. Immunohistochemistry on paraffin sections: 25 µg/ml. Recommended Positive Control: Human breast cancer tissue.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human skin fibroblast cell membrane extracts.
Specificity:	This antibody is specific for the extracellular domain of the PDGF receptor beta subunit. This was confirmed in binding studies using several different cell lines and by its ability to immunoprecipitate PDGF receptor beta complexed with 125I-PDGF-BB. This antibody does not recognize PDGF receptor alpha. Binding of PDGF-BB induces receptor homodimerization or heterodimerization with PDGF receptor alpha.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

<b>Gene Name:</b>	platelet derived growth factor receptor beta
<b>Database Link:</b>	<a href="#">Entrez Gene 5159 Human P09619</a>
<b>Background:</b>	PDGF receptor beta is a member of the class III receptor tyrosine kinase family that also includes M-CSF receptor, SCF receptor and Flt-3.
<b>Synonyms:</b>	PDGF-R-beta, PDGF Receptor beta