

PDGFR beta(Phospho Y1009)(4X2) Rabbit Monoclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM37153	PDGFR beta(Phospho Y1009) (4X2) Rabbit Monoclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM37153
别名	CD140b; IBGC4; IMF1; JTK12; PDGF Receptor beta; PDGFR; PDGFR beta; PDGFR1; PDGFRB
产品名称	PDGFR beta(Phospho Y1009) (4X2) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	PDGFRB
蛋白名称	PDGFR, PDGFR1
推荐应用	WB
反应种属	Human
存储缓冲液	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4℃ short term. Store at -20℃ long term. Avoid freeze/thaw cycle.
Human Gene ID	5159
Human Swissprot No.	P09619

稀释度	WB 1:1000-1:2000
参考分子量	175kDa
预测分子量	124kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months (Do not lower than 25°C). Avoid freeze/thaw cycles.
宿主	Rabbit
同种型	IgG
注意事项	Phospho-PDGFR beta (Y1009) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	Cell membrane; Single-pass type I membrane protein. Cytoplasmic vesicle. Lysosome lumen. Note=After ligand binding, the autophosphorylated receptor is ubiquitinated and internalized, leading to its degradation.
功能	Tyrosine-protein kinase that acts as cell-surface receptor for homodimeric PDGFB and PDGFD and for heterodimers formed by PDGFA and PDGFB, and plays an essential role in the regulation of embryonic development, cell proliferation, survival, differentiation, chemotaxis and migration. Plays an essential role in blood vessel development by promoting proliferation, migration and recruitment of pericytes and smooth muscle cells to endothelial cells. Plays a role in the migration of vascular smooth muscle cells and the formation of neointima at vascular injury sites. Required for normal development of the cardiovascular system. Required for normal recruitment of pericytes (mesangial cells) in the kidney glomerulus, and for normal formation of a branched network of capillaries in kidney glomeruli. Promotes rearrangement of the actin cytoskeleton

<p style="text-align: center;">功能</p>	<p>and the formation of membrane ruffles. Binding of its cognate ligands -homodimeric PDGFB, heterodimers formed by PDGFA and PDGFB or homodimeric PDGFD-leads to the activation of several signaling cascades; the response depends on the nature of the bound ligand and is modulated by the formation of heterodimers between PDGFRA and PDGFRB. Phosphorylates PLCG1, PIK3R1, PTPN11, RASA1/GAP, CBL, SHC1 and NCK1. Activation of PLCG1 leads to the production of the cellular signaling molecules diacylglycerol and inositol 1,4,5-trisphosphate, mobilization of cytosolic Ca(2+) and the activation of protein kinase C. Phosphorylation of PIK3R1, the regulatory subunit of phosphatidylinositol 3 kinase, leads to the activation of the AKT1 signaling pathway. Phosphorylation of SHC1, or of the C-terminus of PTPN11, creates a binding site for GRB2, resulting in the activation of HRAS, RAF1 and down-stream MAP kinases, including MAPK1/ERK2 and/or MAPK3/ERK1. Promotes phosphorylation and activation of SRC family kinases. Promotes phosphorylation of PDCD6IP/ALIX and STAM. Receptor signaling is down-regulated by protein phosphatases that dephosphorylate the receptor and its down-stream effectors, and by rapid internalization of the activated receptor.</p>
<p style="text-align: center;">Clonality</p>	<p>Monoclonal</p>

注意事项:

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4. 实验结果受多种因素影响, 相关处理仅限于产品本身, 不涉及其他赔偿。

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英普特	IM35371	DDX58 (15B14) Rabbit Monoclonal Antibody
英普特	IM34126	Caveolin-1 (16G7) Rabbit Monoclonal Antibody
英普特	IM36924	AER61 (11Q1) Rabbit Monoclonal Antibody
英普特	IM38639	GLS Rabbit Polyclonal Antibody (C-Term)
英普特	IM54582	NET-5 Rabbit Polyclonal Antibody
英普特	IM33108	Ubiquitin K63 (17N13) Rabbit Monoclonal Antibody

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