



## PAK4 (PTR1350) mouse mAb

货号	YP-Ab-18181
同位型	IgG
应用	WB;IF;ELISA
种属	Human;Mouse;
靶点	PAK4
简介	>>ErbB signaling pathway;>>Ras signaling pathway;>>Axon guidance;>>Focal adhesion;>>T cell receptor signaling pathway;>>Regulation of actin cytoskeleton;>>Human immunodeficiency virus 1 infection;>>MicroRNAs in cancer;>>Renal cell carcinoma
基因名称	PAK4
蛋白名称	Serine/threonine-protein kinase PAK 4
免疫原	Synthesized peptide derived from human protein.AA range:400-500
特异性	This antibody detects endogenous levels of PAK4.
组成	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
来源	Mouse, Monoclonal/IgG3, kappa
稀释	WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
纯化工艺	Protein G
其他名称	PAK4;KIAA1142;Serine/threonine-protein kinase PAK 4;p21-activated kinase 4;PAK-4
实测条带	68,52kD
分子量	64kD
背景	PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. They serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK4 interacts specifically with the GTP-bound form of Cdc42Hs and weakly activates the JNK family of MAP kinases. PAK4 is a mediator of filopodia formation and may play a role in the reorganization of the actin cytoskeleton. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
功能	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Activates the JNK pathway. Plays a role in the reorganization of the actin cytoskeleton and in the formation of filopodia. Phosphorylates and inactivates the protein phosphatase SSH1, leading to increased inhibitory phosphorylation of the actin binding/depolymerizing factor cofilin. Decreased cofilin activity may lead to stabilization of actin filaments. Phosphorylates ARHGEF2.,PTM:Autophosphorylated on

浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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