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<b>Product name:</b>	PRK2 Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN81025
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1
<b>Immunogen:</b>	Purified recombinant fragment of human PRK2 expressed in E. Coli.
<b>Reactivity:</b>	Human,Mouse,Rat,Monkey
<b>Applications:</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight:</b>	140kDa
<b>Purification:</b>	Affinity Purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	Protein-kinase-C-related kinases (PRKs) are part of the lipid-regulated protein kinases (PKC) which also include liver PAK & PKN. Human PRK1 and PRK2 share structurally similar catalytic domains, but less similar N-terminal regulatory regions suggesting different regulatory domain functions. PRK1 and PRK2, as well as a third member of this family, PRK3, show distinct patterns of expression in adult tissues. Additionally, the serine-threonine kinase PRK2 can be specifically cleaved by caspase-3 (and/or caspase-3-like subfamily members) during apoptosis.