

Product name:	PDK4 Mouse Monoclonal Antibody
Cat number:	MABN86103
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified His-tagged PDK4 protein(Fragment) was used to produced this monoclonal antibody.
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:1000
Molecular Weight:	46.5kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in TBS with 0.05% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene is a member of the PDK/BCKDK protein kinasefamily and encodes a mitochondrial protein with a histidine kinasedomain. This protein is located in the matrix of the mitrochondriaand inhibits the pyruvate dehydrogenase complex by phosphorylatingone of its subunits, thereby contributing to the regulation ofglucose metabolism. Expression of this gene is regulated byglucocorticoids, retinoic acid and insulin.