Recombinant DGRmAb®

PDK1 (DGR31435) Rabbit mAb

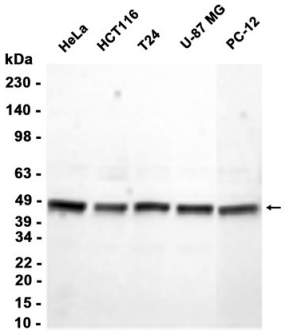
db13770 **Package : 10μL 20μL 50μL 100μL**

Product Name : PDK1 (DGR31435) Rabbit mAb
Cat.No.: db13770
Synonyms : PDH kinase 1; PDHK1
Application : WB, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

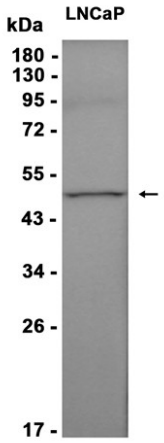
Background	Pyruvate dehydrogenase (PDH) is a mitochondrial multienzyme complex that catalyzes the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. The enzymatic activity is regulated by a phosphorylation/dephosphorylation cycle. Phosphorylation of PDH by a specific pyruvate dehydrogenase kinase (PDK) results in inactivation. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2013]
Immunogen	A synthetic peptide of human PDK1
Gene ID	5163
Swiss Prot	Q15118
Synonyms	PDH kinase 1; PDHK1
Reactivity	Human,Mouse,Rat
Application	WB, IP
Recommended dilution	WB: 1:1000-1:5000 IP: 1:10-1:100
Calculated MW	49 kDa
Observed MW	49 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31435
Isotype	IgG
Purity	Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, HCT116, T24, U-87 MG, PC-12 cells using db13770 at 1:1000.



Western blot analysis of extracts from LNCaP cells using db13770 at 1:1000.