Recombinant DGRmAb®

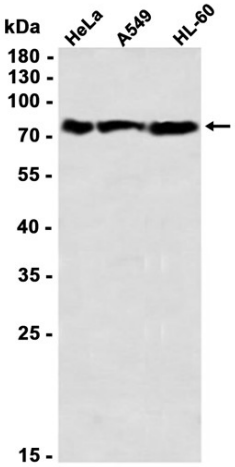
NDUFS1 (DGR32734) Rabbit mAb

db11397 **Package : 10μL 20μL 50μL 100μL**

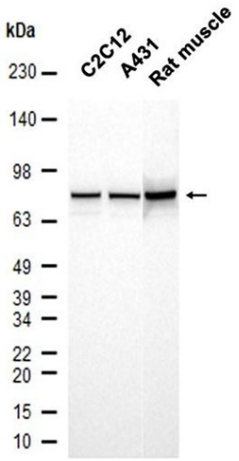
Product Name : NDUFS1 (DGR32734) Rabbit mAb
Cat.No.: db11397
Synonyms : CI-75k; MC1DN5; CI-75Kd; PRO1304
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene belongs to the complex I 75 kDa subunit family. Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This protein is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized. Mutations in this gene are associated with complex I deficiency. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]
Immunogen	A synthetic peptide of human Ndufs1
Gene ID	4719
Swiss Prot	P28331
Synonyms	CI-75k; MC1DN5; CI-75Kd; PRO1304
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:50-1:100 ICC/IF: 1:100-1:200 FC: 1:10-1:100 IP: 1:10-1:100
Calculated MW	80 kDa
Observed MW	77 kDa
Host species	Rabbit

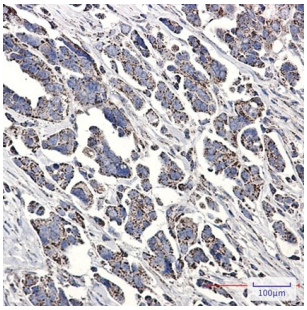
Clonality	Monoclonal
Clonality No.	DGR32734
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



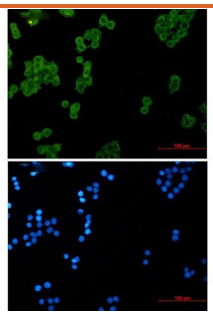
Western blot analysis of extracts from HeLa, A549, HL-60 cells using db11397 at 1:1000.



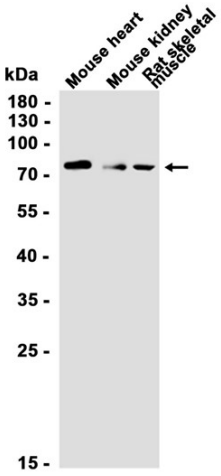
Western blot analysis of extracts from A431, C2C12 cells and Rat muscle tissue using db11397 at 1:5000.



Immunohistochemical analysis of paraffin-embedded human Cholangiocarcinoma using db11397 antibody.



Immunofluorescent analysis of HeLa cells using db11397 antibody (green), and DAPI (blue).



Western blot analysis of extracts from Mouse heart, Mouse kidney, Rat skeletal muscle tissues using db11397 at 1:1000.