Recombinant DGRmAb®

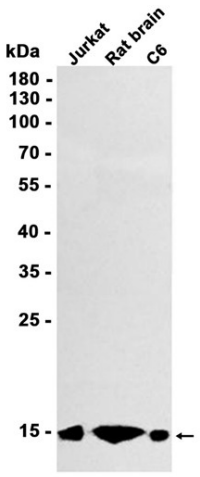
Cytochrome C (DGR13732) Rabbit mAb

db12144 **Package : 10μL 20μL 50μL 100μL**

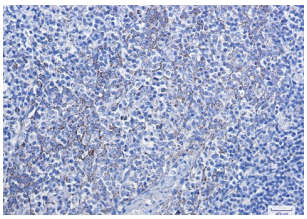
Product Name : Cytochrome C (DGR13732) Rabbit mAb
Cat.No.: db12144
Synonyms : CYC; HCS; THC4
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.[provided by RefSeq, Jul 2010]
Immunogen	A synthetic peptide of human Cytochrome C
Gene ID	54205
Swiss Prot	P99999
Synonyms	CYC; HCS; THC4
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:500 ICC/IF: 1:100 IP: 1:20-1:50
Calculated MW	12 kDa
Observed MW	14 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13732

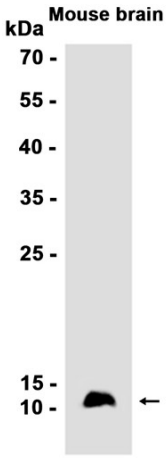
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



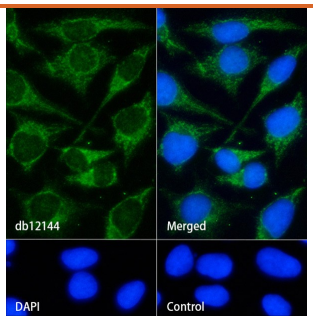
Western blot analysis of extracts from Jurkat, C6 cells and Rat brain tissue using db12144 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db12144 antibody.



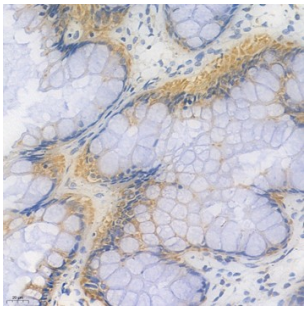
Western blot analysis of extracts from Mouse brain tissue using db12144 at 1:1000.



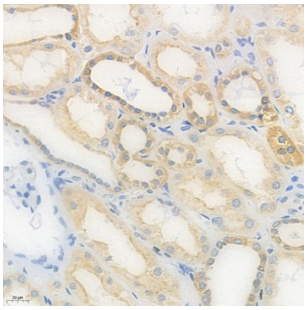
Immunofluorescence analysis of HeLa cells labelling Cytochrome C with db12144.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12144 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

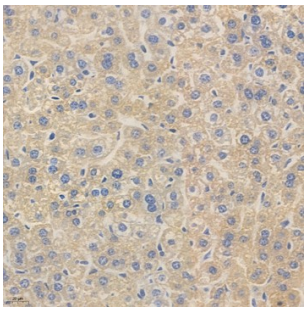
Control: Secondary antibody only.



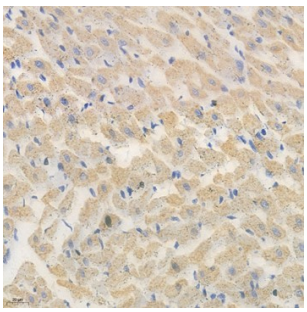
Immunohistochemical analysis of paraffin-embedded human intestinal tissue labeling Cytochrome C with db12144. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human renal tissue labeling Cytochrome C with db12144. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue labeling Cytochrome C with db12144. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat heart tissue labeling Cytochrome C with db12144. Counter stained with Hematoxylin.