Recombinant DGRmAb®

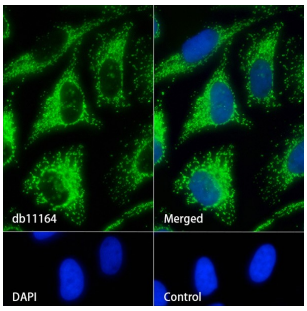
Hsp60 (DGR15603) Rabbit mAb

db11164 **Package : 10μL 20μL 50μL 100μL**

Product Name : Hsp60 (DGR15603) Rabbit mAb
Cat.No.: db11164
Synonyms : HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Several pseudogenes have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13. [provided by RefSeq, Jun 2010]
Immunogen	Recombinant protein of human Hsp60
Gene ID	3329
Swiss Prot	P10809
Synonyms	HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:2000 ICC/IF: 1:100-1:200 FC: 1:200-1:500 IP: 1:20-1:50
Calculated MW	61 kDa
Observed MW	60 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR15603
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.



Immunofluorescence analysis of HeLa cells labelling Hsp60 with db11164.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), 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 db11164 (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.