Recombinant DGRmAb®

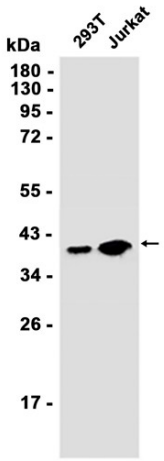
SIRT6 (DGR15766) Rabbit mAb

db13509 **Package : 10μL 20μL 50μL 100μL**

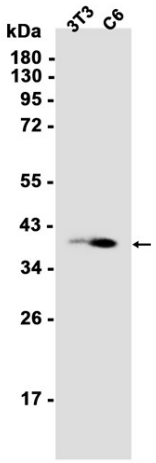
Product Name : SIRT6 (DGR15766) Rabbit mAb
Cat.No.: db13509
Synonyms : SIR2L6
Application : WB, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]
Immunogen	A synthetic peptide of human SIRT6
Gene ID	51548
Swiss Prot	Q8N6T7
Synonyms	SIR2L6
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:500-1:1000 IP: 1:20-1:50
Calculated MW	39 kDa
Observed MW	42 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15766
Isotype	IgG

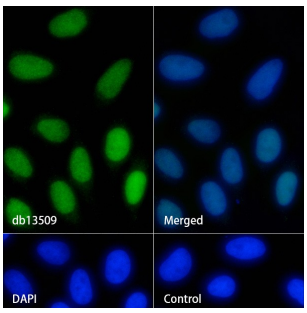
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 293T, Jurkat cells using db13509 at 1:1000.



Western blot analysis of extracts from 3T3, C6 cells using db13509 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling SIRT6 with db13509.

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 db13509 (1:500) 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.