Recombinant DGRmAb®

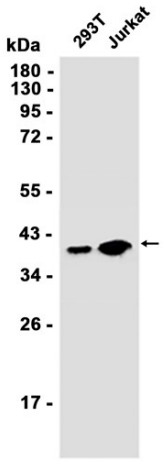
SIRT6 (DGR15766) Rabbit mAb (PBS Only)

db13509-PBS **Package : 10μg 100μg**

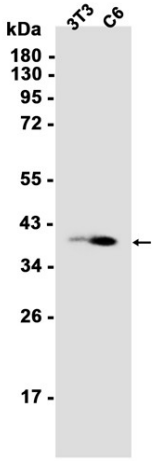
Product Name : SIRT6 (DGR15766) Rabbit mAb (PBS Only)
Cat.No.: db13509-PBS
Synonyms : SIR2L6
Application : WB, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	39 kDa
Observed MW	42 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15766
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

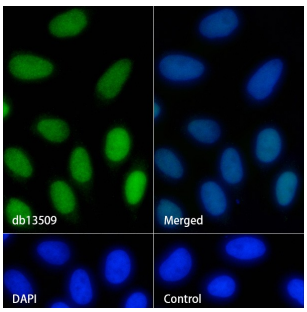
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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.