

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

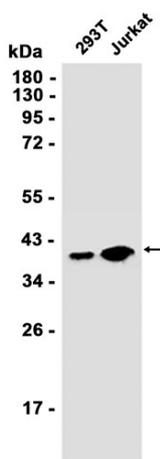
Purity

Affinity Purification

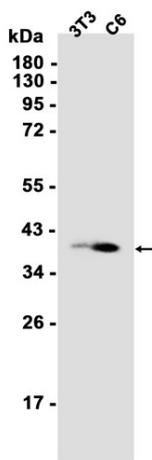
Conjugation

Un-conjugated

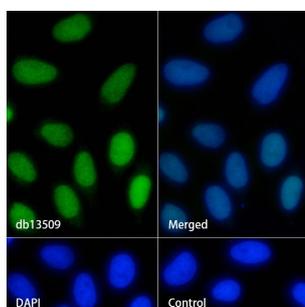
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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 temperature 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.