

Recombinant

DGRmAb®

**SIRT3 (DGR14105) Rabbit mAb (PBS Only)**

db13407-PBS

Package : 10µg 100µg

**Product Name** : SIRT3 (DGR14105) Rabbit mAb (PBS Only)**Cat.No.:** db13407-PBS**Synonyms** : SIR2L3**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human SIRT3

**Gene ID**

23410

**Swiss Prot**

Q9NTG7

**Synonyms**

SIR2L3

**Reactivity**

Human

**Application**

WB, IHC-P

**Calculated MW**

44 kDa

**Observed MW**

28 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14105

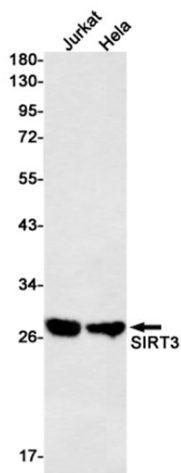
**Isotype**

IgG

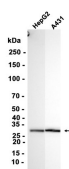
**Purity**

Affinity Purification

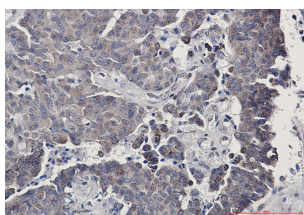
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of SIRT3 in Jurkat, HeLa cell lysates using SIRT3 antibody (1:500 diluted).



Western blot analysis of extracts from A431, HepG2 cells using db13407 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db13407 antibody.