

Recombinant

DGRmAb®

## SIRT1 (DGR18233) Rabbit mAb

db14034

Package : 10µL 20µL 50µL 100µL

**Product Name :** SIRT1 (DGR18233) Rabbit mAb**Cat.No.:** db14034**Synonyms :** SIR2; SIR2L1; SIR2alpha**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008]

**Immunogen**

Recombinant protein of human SIRT1

**Gene ID**

23411

**Swiss Prot**

Q923E4

**Synonyms**

SIR2; SIR2L1; SIR2alpha

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**WB: 1:1000  
IHC-P: 1:200-1:500  
ICC/IF: 1:100  
FC: 1:50-1:100  
IP: 1:20-1:50**Calculated MW**

82 kDa

**Observed MW**

120 kDa

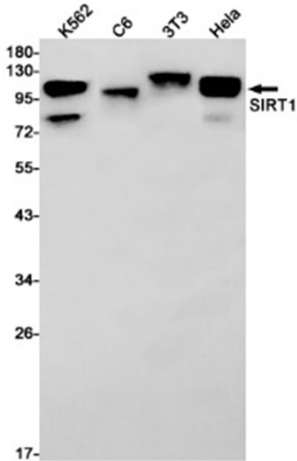
**Host species**

Rabbit

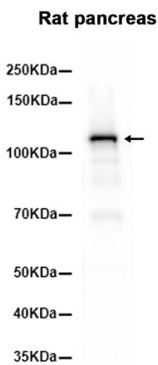
**Clonality**

Monoclonal

Clonality No.	DGR18233
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 detection of SIRT1 in K562,C6,3T3,Hela cell lysates using SIRT1 antibody(1:1000 diluted).



Western blot analysis of extracts from Rat pancreas tissus using db14034 at 1:1000.