

Recombinant

DGRmAb®

## HDAC9 (DGR21105) Rabbit mAb

db14340

Package : 10µL 20µL 50µL 100µL

**Product Name :** HDAC9 (DGR21105) Rabbit mAb**Cat.No.:** db14340**Synonyms :** HD7; HD9; HD7b; HDAC; HDRP; MITR; HDAC7; HDAC7B; HDAC9B; HDAC9FL**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**Background**

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to the *Xenopus* and mouse MITR genes. The MITR protein lacks the histone deacetylase catalytic domain. It represses MEF2 activity through recruitment of multicomponent corepressor complexes that include CtBP and HDACs. This encoded protein may play a role in hematopoiesis. Multiple alternatively spliced transcripts have been described for this gene but the full-length nature of some of them has not been determined. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human HDAC9

**Gene ID**

9734

**Swiss Prot**

Q9UKV0

**Synonyms**

HD7; HD9; HD7b; HDAC; HDRP; MITR; HDAC7; HDAC7B; HDAC9B; HDAC9FL

**Reactivity**

Human

**Application**

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

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:200-1:1000

ICC/IF: 1:100-1:200

FC: 1:100

IP: 1:20-1:50

**Calculated MW**

111 kDa

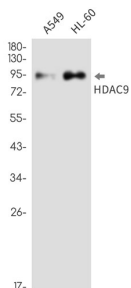
**Observed MW**

150 kDa

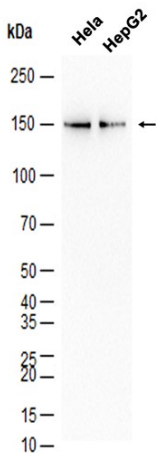
**Host species**

Rabbit

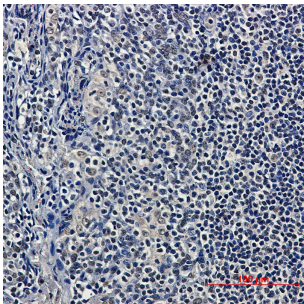
Clonality	Monoclonal
Clonality No.	DGR21105
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of HDAC9 in A549,HL-60 cell lysates using HDAC9 antibody(1:1000 diluted).



Western blot analysis of extracts from HeLa, HepG2 cells using db14340 at 1:4000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db14340 antibody.