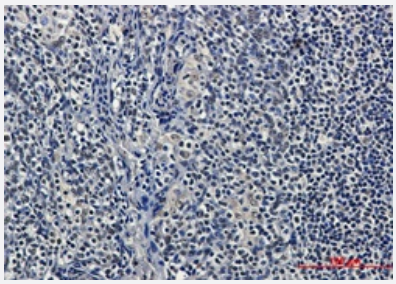
RecomAb™

HDAC9 recombinant monoclonal antibody, clone R01-8I6

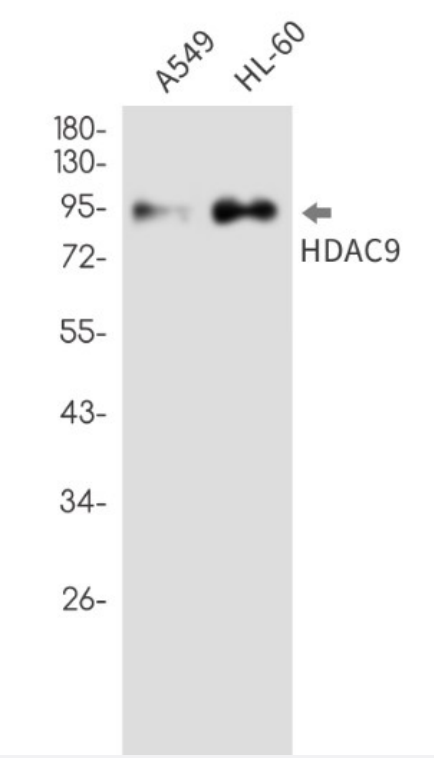
Catalog # RAB01437 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human tonsil using HDAC9 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western Blot

Western Blot analysis of A549, HL-60 lysates with HDAC9 recombinant monoclonal antibody, clone R01-8I6 (Cat # RAB01437).

Specification

Product Description Rabbit recombinant monoclonal antibody raised against human HDAC9.

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Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human HDAC9.
Theoretical MW (kDa)	Calculated MW: 111 k
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry analysis of paraffin-embedded Human tonsil using HDAC9 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Western Blot

  Western Blot analysis of A549, HL-60 lysates with HDAC9 recombinant monoclonal antibody, clone R01-8I6 (Cat # RAB01437).

Gene Info — HDAC9

Entrez GeneID	9734
Protein Accession#	Q9UKV0
Gene Name	HDAC9

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Gene Alias	DKFZp779K1053, HD7, HDAC, HDAC7, HDAC7B, HDAC9B, HDAC9FL, HDRP, KIAA0744, MITR
Gene Description	histone deacetylase 9
Omim ID	606543
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	MEF-2 interacting transcription repressor (MITR) protein|histone deacetylase 4/5-related protein|histone deacetylase 7|histone deacetylase 7B

Disease

- Cardiovascular Diseases
- Cognition
- Diabetes Mellitus
- Disease Susceptibility
- Edema
- Schizophrenia
- Tobacco Use Disorder

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