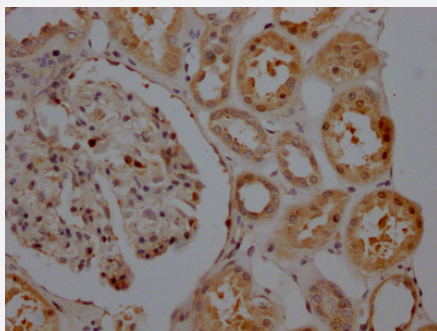


RecomAb™

SIRT5 recombinant monoclonal antibody, clone 9H12

Catalog # RAB04026 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of SIRT5 recombinant monoclonal antibody, clone 9H12 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SIRT5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human SIRT5.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of SIRT5 recombinant monoclonal antibody, clone 9H12 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SIRT5

Entrez GeneID [23408](#)

Protein Accession# [Q9NXA8](#)

Gene Name SIRT5

Gene Alias FLJ36950, SIR2L5

Gene Description sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)

Omim ID [604483](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 III of the sirtuin family. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000016054|OTTHUMP00000016055|silent mating type information regulation 2, S. cerevisiae, homolog 5|sir2-like 5|sirtuin 5|sirtuin type 5

Disease

- [Genetic Predisposition to Disease](#)

- [Schizophrenia](#)