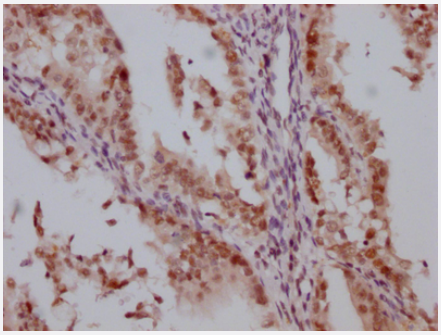
RecomAb™

HDAC3 recombinant monoclonal antibody, clone 4D4

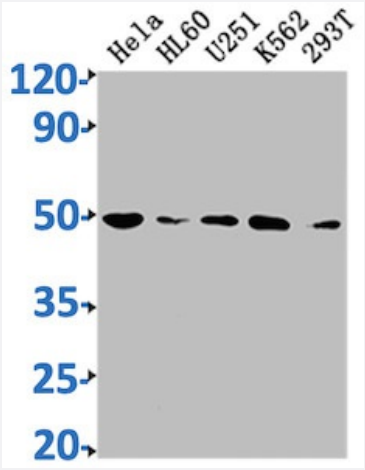
Catalog # RAB03982 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of HDAC3 recombinant monoclonal antibody, clone 4D4 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system.



Western Blot

Western Blot analysis of Lane 1: Hela whole cell lysate; Lane 2: HL60 whole cell lysate; Lane 3: U251 whole cell lysate; Lane 4: K562 whole cell lysate; Lane 5: 293T whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HDAC3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human HDAC3.
Theoretical MW (kDa)	Calculated MW: 49, 5

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Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) 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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of HDAC3 recombinant monoclonal antibody, clone 4D4 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western Blot analysis of Lane 1: Hela whole cell lysate; Lane 2: HL60 whole cell lysate; Lane 3: U251 whole cell lysate; Lane 4: K562 whole cell lysate; Lane 5: 293T whole cell lysate.

Gene Info — HDAC3

Entrez GeneID	8841
Protein Accession#	O15379
Gene Name	HDAC3
Gene Alias	HD3, RPD3, RPD3-2

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Gene Description	histone deacetylase 3
Omim ID	605166
Gene Ontology	Hyperlink
Other Designations	-

Disease

- Asthma
- Genetic Predisposition to Disease
- Schizophrenia

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