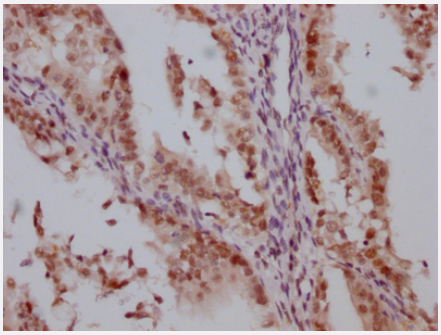
RecomAb™

# HDAC3 recombinant monoclonal antibody, clone 4D4

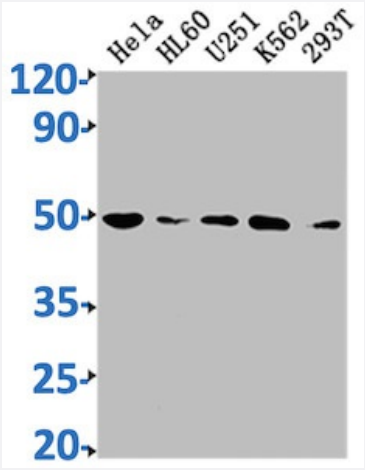
Catalog # RAB03982 Size 100 uL

## 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<br>Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:5000)<br>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.<br>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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