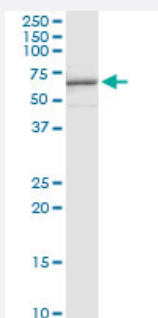


# HDAC3 monoclonal antibody (M01), clone 2F9-4B7

Catalog # H00008841-M01

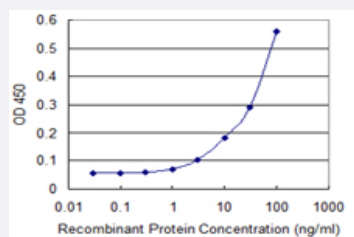
Size 100 ug

## Applications



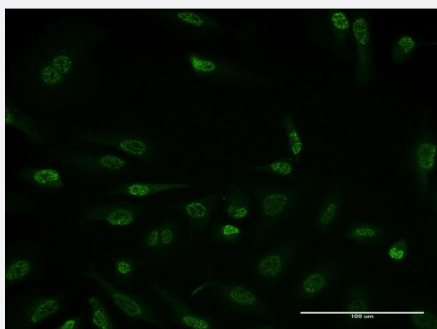
### Immunoprecipitation

Immunoprecipitation of HDAC3 transfected lysate using anti-HDAC3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HDAC3 MaxPab rabbit polyclonal antibody.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HDAC3 is 1 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to HDAC3 on HeLa cell .  
[antibody concentration 10 ug/ml]

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant HDAC3.

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>                     | HDAC3 (AAH00614, 1 a.a. ~ 428 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                                                                                                                                |
| <b>Sequence</b>                      | MAKTVAIFYDPDVGNFHYGAGHPMKPHRLALTHSLVLHYGLYKKMIVFKPYQASQHDMCRFHSE<br>DYIDFLQRVSPTNMQGFTKSLNAFNVGDDCPVFPGLFEFCsRYTGASLQGATQLNNKICDIINWA<br>GGLHHAKKFEASGFCYVNDIVIGILELLKYHPRVLYIDIDHHGDGVQEAFLYLTDRVMTVSFHKYGN<br>FFPGTGDMYEVGAESGRYYCLNVPLRDGIDDQSYKHLFQPVINQVDFYQPTCIVLQCGADSLGC<br>DRLGCFNLSIRGHGECVEYVKSFNIPLLVLGGGGYTVRNVARCWTYETSLVVEEAISEELPYSEYF<br>EYFAPDFTLHPDVSTRIENQNSRQYLDQIRQTIFENLKMLNHAPSVQIHVDVPADLLTYDRTDEADAE<br>ERGPEENYSRPEAPNEFYDGDHDNDKESDVEI |
| <b>Host</b>                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Interspecies Antigen Sequence</b> | Mouse (99); Rat (99)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                       | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                           |

## Applications

- Immunoprecipitation

Immunoprecipitation of HDAC3 transfected lysate using anti-HDAC3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HDAC3 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HDAC3 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HDAC3 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — HDAC3

|                     |                           |
|---------------------|---------------------------|
| Entrez GeneID       | <a href="#">8841</a>      |
| GeneBank Accession# | <a href="#">BC000614</a>  |
| Protein Accession#  | <a href="#">AAH00614</a>  |
| Gene Name           | HDAC3                     |
| Gene Alias          | HD3, RPD3, RPD3-2         |
| Gene Description    | histone deacetylase 3     |
| Omim ID             | <a href="#">605166</a>    |
| Gene Ontology       | <a href="#">Hyperlink</a> |
| Other Designations  | -                         |

## Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)