

## Anti-HDAC10 Rabbit Monoclonal Antibody

### Introduction

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.

### Product parameters

|                    |  |
|--------------------|--|
| Alternative Names  | HD10; HDAC 10; Hdac10; Histone deacetylase 10; MGC149722   |
| Gene ID            | 83933  |
| Gene Name          | HDAC10   |
| SwissProt ID       | Q969S8   |
| Host               | Rabbit   |
| Reactivity         | Human  |
| Molecular Weight   | Calculated MW: 72 kDa; Observed MW: 72 kDa   |
| Conjugation        | Unconjugated   |
| Ex                 | -  |
| Em                 | -  |
| Modification       | Unmodified   |
| Clonality          | IgG  |
| Isotype            | Monoclonal Antibody  |
| Clonality No.      | AP-18E11G11  |
| Form               | Liquid   |
| Concentration      | See label  |
| Carrier            | Carrier Not Free   |
| Immunogen          | Peptide  |
| Purification       | Affinity Purified  |
| Buffer System      | Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. |
| Application        | WB, ICC/IF, FC, IP   |
| Dilution Ratio     | WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100  |
| Research Field     | Epigenetics and Nuclear Signaling  |
| Product Categories | Primary antibody   |

|                 |                                  |
|-----------------|----------------------------------|
| Shipping        | Blue ice                         |
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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