



# HDAC6 (3B2) Mouse mAb

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | YP-Ab-17909   |
| <b>Isotype</b>            | IgG2a   |
| <b>Reactivity</b>         | Human,Rat   |
| <b>Applications</b>       | WB  |
| <b>Gene Name</b>          | HDAC6   |
| <b>Alternative Names</b>  | HDAC6; KIAA0901; JM21; Histone deacetylase 6; HD6   |
| <b>Research Field</b>     | Epigenetics and Nuclear Signaling   |
| <b>Product Categories</b> | Primary antibody  |
| <b>Host</b>               | Mouse   |
| <b>Molecular Weight</b>   | Calculated MW: 131 kDa; Observed MW: 160 kDa  |
| <b>Clonality</b>          | Monoclonal Antibody   |
| <b>Clonality No.</b>      | 3B2-F5-G6   |
| <b>Dilution</b>           | WB: 1/500-1/1000  |
| <b>Immunogen</b>          | Purified recombinant human HDAC6 protein expressed in E.coli.   |
| <b>Purification</b>       | Affinity Purified   |
| <b>Conjugation</b>        | Unconjugated  |
| <b>Modification</b>       | Unmodified  |
| <b>Form</b>               | Liquid  |
| <b>Buffer System</b>      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.   |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage</b>            | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  |
| <b>Background</b>         | Involved in the regulation of many cellular processes, including cell migration, immune synapse formation, viral infection, and degradation of misfolded proteins. HDAC6 binds to both poly-ubiquitinated misfolded proteins and dynein motors, facilitating the transport of misfolded proteins to the aggresome. Required for subsequent recruitment of the autophagic machinery and clearance of aggresomes from the cell. Plays a key role in the protection against the deleterious effects of pathological protein aggregation that occurs in various diseases. |



**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

