

# Anti-HDAC6-D2 (3D2) mouse (D2 domain-specific)

**Catalogue number:** 157670

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** Institute of Biotechnology CAS

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-HDAC6-D2 (3D2) mouse (D2 domain-specific)

**Alternate name:** Histone deacetylase 6; HD6

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** The affinity purified mouse monoclonal antibody is immunospecific for the D2 domain of human histone deacetylase 6 (HDAC6) as determined by ELISA and peptide library screening. Reactivity of the mAb to homologous proteins from other species has not been tested. HDAC6 belongs to the class II of the histone deacetylase family (EC 3.5.1.98). The protein of molecular mass 131 kDa consists of two catalytic domains, the serine-glutamate-rich SE14 domain and the ubiquitin-binding ZnF domain. HDAC6 s...

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG

**Reactivity:** Human

**Selectivity:**

**Host:**

**Immunogen:** human histone deacetylase 6 (HDAC6; sequence NP\_006035.2)

**Immunogen UNIPROT ID:** Q9UBN7

**Sequence:**

**Growth properties:**

**Production details:**  
**Formulation:**  
**Recommended controls:**  
**Bacterial resistance:**  
**Selectable markers:**  
**Additional notes:**

## Target details

**Target:** D2 domain of human histone deacetylase 6

**Target alternate names:**

**Target background:** The affinity purified mouse monoclonal antibody is immunospecific for the D2 domain of human histone deacetylase 6 (HDAC6) as determined by ELISA and peptide library screening. Reactivity of the mAb to homologous proteins from other species has not been tested. HDAC6 belongs to the class II of the histone deacetylase family (EC 3.5.1.98). The protein of molecular mass 131 kDa consists of two catalytic domains, the serine-glutamate-rich SE14 domain and the ubiquitin-binding ZnF domain. HDAC6 s...

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; IHC ; WB  
**Application notes:**

## Handling

**Format:** Liquid  
**Concentration:**  
**Passage number:**  
**Growth medium:**  
**Temperature:**  
**Atmosphere:**  
**Volume:**  
**Storage medium:**  
**Storage buffer:**  
**Storage conditions:**  
**Shipping conditions:** Shipping at 4° C

## Related tools

Related tools:

## References

References:

CancerTools.org