

# **HDAC4 Monoclonal Antibody**

## Description

Product type Primary Antibody

Code BT-MCA0671

Host Mouse

Isotype IgG

Size 50ul, 100ul

Immunogen Purified recombinant fragment of human HDAC4 expressed in E. Coli.

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Histone deacetylase 4

Synonyms HDAC4; KIAA0288; Histone deacetylase 4; HD4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

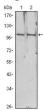
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3.

#### **Recommended Dilution**

ELISA: 1:10000 WB: 1:500 - 1:2000

Not yet tested in other applications.

#### **Images**



Western Blot analysis using HDAC4 Monoclonal antibody against HeLa (1) Jurkat (2) cell lysate.

## Storage

-20°C for one year