

Nur für Forschungszwecke

HDAC5-specific Monoklonaler Antikörper

Katalog-Nr.:60157-1-Ig



Allgemeine Informationen

Katalog-Nr.:

60157-1-Ig

Größe:

150ul , Konzentration: 500 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG1

GenBank-Zugangsnummer:

BC051824

GeneID (NCBI):

10014

Vollständiger Name:

histone deacetylase 5

Berechnete Masse:

122 kDa

Reinigungsmethode:

Caprylsäure/Ammoniumsulfat-Präzipitation

CloneNo.:

2A8C6

Anwendungen

Geprüfte Anwendungen:

ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

Histone acetylation and deacetylation alternately exposes and occludes DNA to transcription factors. At least 4 classes of HDAC were identified. HDAC5 is a class II HDAC. HDAC5 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. HDAC5 is involved in muscle maturation by repressing transcription of myocyte enhancer MEF2C. During muscle differentiation, HDAC5 shuttles into the cytoplasm, allowing the expression of myocyte enhancer factors. This antibody is a mouse monoclonal antibody raised against a peptide mapping within human HDAC5.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:

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