

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HDAC5-specific



Numéro de catalogue: 60157-1-Ig

## Informations de base

Numéro de catalogue:

60157-1-Ig

Taille:

150ul, Concentration: 500 µg/ml by Bradford method using BSA as the standard;

Hôte:

Mouse

Isotype:

IgG1

Numéro d'acquisition GenBank:

BC051824

Identification du gène (NCBI):

10014

Nom complet:

histone deacetylase 5

MW calculé

122 kDa

Méthode de purification:

Précipitation de l'acide caprylique/du sulfate d'ammonium

CloneNo.:

2A8C6

## Applications

Applications testées:

ELISA

Spécificité de l'espèce:

Humain

## Informations générales

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.

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

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

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