

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HDAC6

Numéro de catalogue: **CL594-67250**



## Informations de base

Numéro de catalogue: CL594-67250	Numéro d'acquisition GenBank: BC013737	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 10013	CloneNo.: 1C7C3
Hôte: Mouse	Nom complet: histone deacetylase 6	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 1063 aa, 114 kDa, 131 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG28585	MW observés: 150-160 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules SH-SY5Y,
Spécificité de l'espèce: Humain	

## Informations générales

Histone deacetylases (HDAC) are a class of enzymes that remove the acetyl groups from the lysine residues leading to the formation of a condensed and transcriptionally silenced chromatin. At least 4 classes of HDAC were identified. HDAC6 is a member of the class II mammalian histone deacetylases. It possesses two separate putative catalytic domains. Both catalytic domains are fully functional HDACs and contribute independently to the overall activity of HDAC6 protein. A very potent NES is present at the amino-terminus of HDAC6, which was found to play an important role in regulating the shuttling of HDAC6 protein between cytoplasm and nucleus. The shuttling process may be a critical regulatory mechanism of HDAC6 function. The expression of HDAC6 is tightly linked to the state of cell differentiation. HDAC6 may participate in coordinating expression of a group of genes involved in the remodelling of chromatin during cell differentiation. HDAC6 has some splicing variants such as P114 (~130kd), P131 (~160kd). This antibody is raised against residues near the C terminal of human HDAC6. The calculated molecular weight of HDAC6 is 130 kDa, but the modified the HDAC6 is about 150-160 kDa.

## Stockage

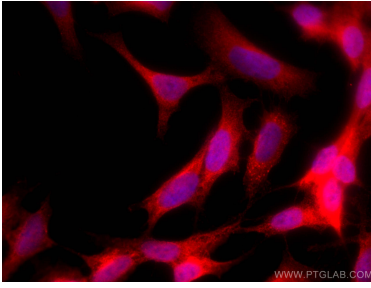
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

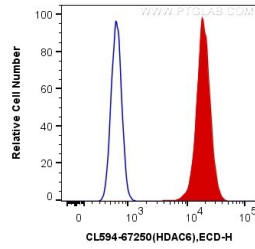
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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using CoraLite®594 HDAC6 antibody (CL594-67250, Clone: 1C7C3) at dilution of 1:200.



1X10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human HDAC6 (CL594-67250, Clone:1C7C3) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).