

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HDAC1

Numéro de catalogue: CL594-66085



## Informations de base

Numéro de catalogue: CL594-66085	Numéro d'acquisition GenBank: BC000301	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3065	CloneNo.: 4C4G7
Hôte: Mouse	Nom complet: histone deacetylase 1	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 55 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG19128	MW observés: 60-65 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HeLa, cellules A431
Spécificité de l'espèce: Humain, rat, souris	

## 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. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex, which is responsible for gene expression silencing. It also plays an important role in the control of cell proliferation and differentiation by interacting with RB, p53 and other transcription factors. At least 4 classes of HDAC were identified. As a class I HDAC, HDAC 1 was primarily found in the nucleus. This antibody is raised against residues near the C terminus of human HDAC1. The calculated molecular weight of HDAC1 is 55 kDa, but modified HDAC1 is about 60-65 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.**

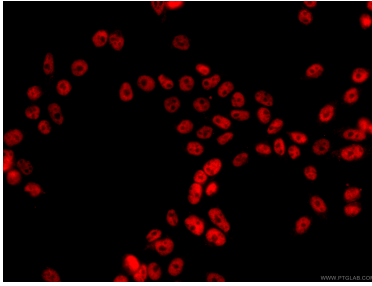
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

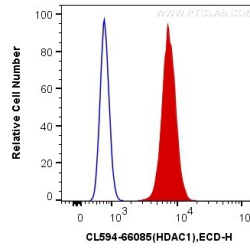
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

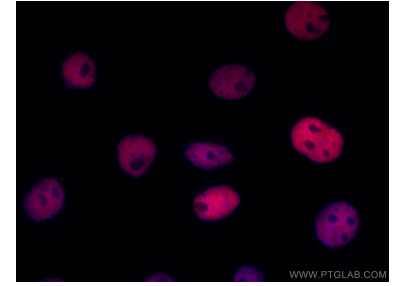
## Données de validation sélectionnées



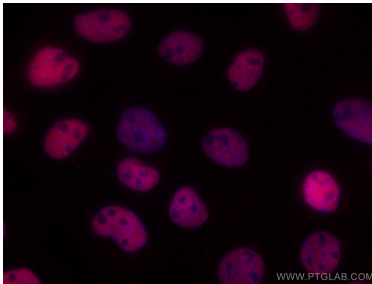
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CL594-66085 (HDAC1 antibody) at dilution of 1:100.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human HDAC1 (CL594-66085, Clone:4C4G7) (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite®594 HDAC1 antibody (CL594-66085, Clone: 4C4G7) at dilution of 1:8000.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite®594 HDAC1 antibody (CL594-66085, Clone: 4C4G7) at dilution of 1:8000.