

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HDAC2

Numéro de catalogue: CL647-67165



## Informations de base

|   |  |   |
|---|--|---|
| Numéro de catalogue:<br>CL647-67165                         | Numéro d'acquisition GenBank:<br>BC031055    | Méthode de purification:<br>Purification par protéine A       |
| Taille:<br>100ul, Concentration: 1000 µg/ml by<br>Nanodrop; | Identification du gène (NCBI):<br>3066       | CloneNo.:<br>1A3E4  |
| Hôte:<br>Mouse  | Nom complet:<br>histone deacetylase 2        | Dilutions recommandées:<br>IF 1:50-1:500                      |
| Isotype:<br>IgG2b   | MW calculé<br>458 aa, 52 kDa; 488 aa, 55 kDa | Excitation/Emission maxima<br>wavelengths:<br>654 nm / 674 nm |
| Immunogen Catalog Number:<br>AG21288                        | MW observés:<br>55 kDa                       |   |

## Applications

|  |   |
|--|---|
| Applications testées:<br>FC (Intra), IF    | Contrôles positifs:<br>IF : cellules HepG2, |
| Spécificité de l'espèce:<br>Humain, 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. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). At least 4 classes of HDAC were identified. As a class I HDAC, HDAC2 was primarily found in the nucleus. HDAC2 forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. This antibody is raised against residues near the C terminus of human HDAC2.

## 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.**

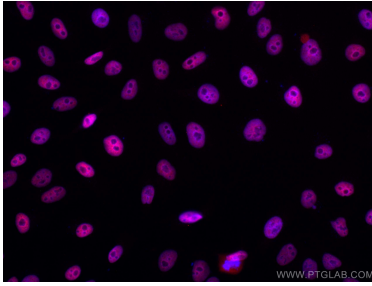
For technical support and original validation data for this product please contact:

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

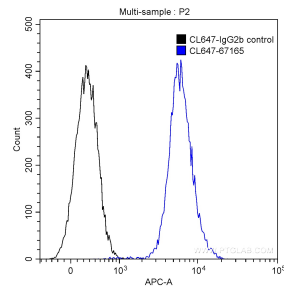
E: proteintech@ptglab.com  
W: ptglab.com

**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 HepG2 cells using CoraLite® Plus 647 HDAC2 antibody (CL647-67165, Clone: 1A3E4) at dilution of 1:200.



$1 \times 10^6$  HepG2 cells were stained with 0.2  $\mu$ g CoraLite® Plus 647 Anti-Human HDAC2 (CL647-67165, Clone:1A3E4) (blue), and 0.2  $\mu$ g Control Antibody. Cells were fixed with 90% MeOH.