

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HDAC1

Numéro de catalogue: 66085-1-Ig **9 Publications**



## Informations de base

Numéro de catalogue: 66085-1-Ig	Numéro d'acquisition GenBank: BC000301	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3065	CloneNo.: 4C4G7
Hôte: Mouse	Nom complet: histone deacetylase 1	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:2000-1:10000 IF 1:6000-1:24000
Isotype: IgG1	MW calculé: 55 kDa	
Immunogen Catalog Number: AG19128	MW observés: 65 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

ChIP, IHC, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules LNCaP, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3

IHC : tissu de lymphome humain, tissu de cancer de la prostate humaine, tissu de cancer du poumon humain

IF : cellules A431, cellules HeLa

## 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 .

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lifang Li	28947780	Nat Commun	WB
Pei Fan	35711556	Front Nutr	WB
Xiaohao Zhang	33757583	Biol Res	WB

## 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.

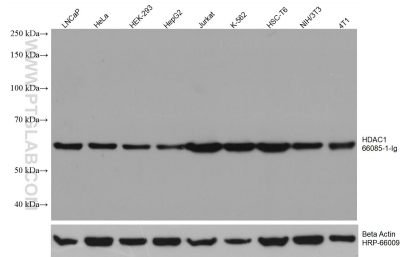
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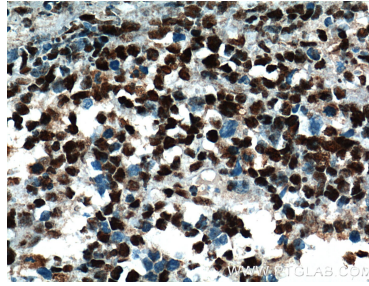
E: proteintech@ptglab.com  
W: ptglab.com

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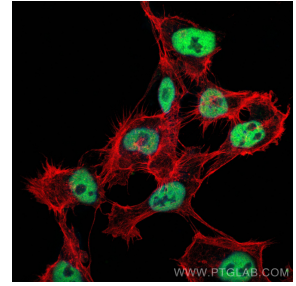
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66085-1-Ig (HDAC1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66085-1-Ig (HDAC1 Antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using HDAC1 antibody (66085-1-Ig, Clone: 4C4G7) at dilution of 1:12000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).