

Nur für Forschungszwecke

# HDAC1 Monoklonaler Antikörper

Katalog-Nr.:66085-1-Ig **9 Publikationen**



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66085-1-Ig	<b>GenBank-Zugangsnummer:</b> BC000301	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1600 µg/ml von3065 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 4C4G7	<b>CloneNo.:</b> 4C4G7
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> histone deacetylase 1	<b>Empfohlene Verdünnungen:</b> WB 1:20000-1:100000 IHC 1:2000-1:10000 IF 1:6000-1:24000
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 55 kDa	
<b>Immunogen Katalognummer:</b> AG19128	<b>Beobachtete Masse:</b> 65 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : HeLa-Zellen,
<b>In Publikationen genannte Anwendungen:</b> ChIP, IHC, WB	<b>IHC :</b> humanes Lymphomgewebe, humanes Lungenkarzinomgewebe, humanes Prostatakarzinomgewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	<b>IF :</b> A431-Zellen, HeLa-Zellen
<b>Zitierte Arten:</b> Human, Maus	

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

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 .

## Bemerkenswerte Veröffentlichungen

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

## Lagerung

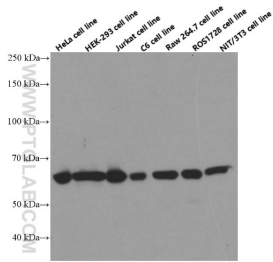
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

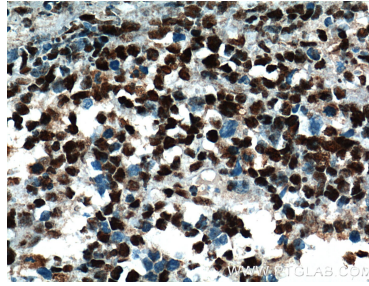
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

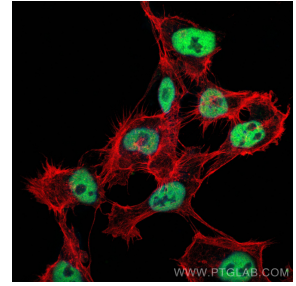
## Ausgewählte Validierungsdaten



Western blot analysis of HDAC1 in various cell lines using Proteintech antibody 66085-1-Ig at dilution of 1:50000 incubated at room temperature for 1.5 hours.



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).