

Nur für Forschungszwecke

# HDAC1 Monoklonaler Antikörper

Katalog-Nr.:CL594-66085



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66085	<b>GenBank-Zugangsnummer:</b> BC000301	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von3065 Nanodrop;	<b>GeneID (NCBI):</b> 3065	<b>CloneNo.:</b> 4C4G7
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> histone deacetylase 1	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 55 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG19128	<b>Beobachtete Masse:</b> 60-65 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HeLa-Zellen, A431-Zellen
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## 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 .

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

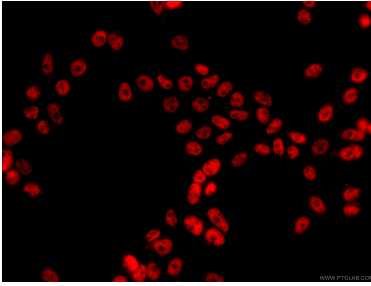
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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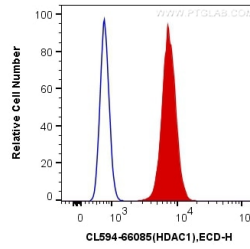
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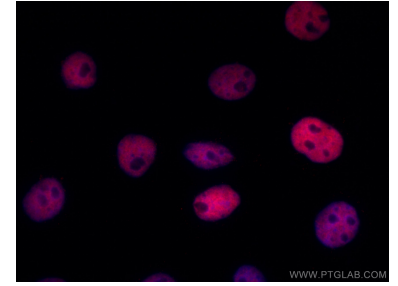
## Ausgewählte Validierungsdaten



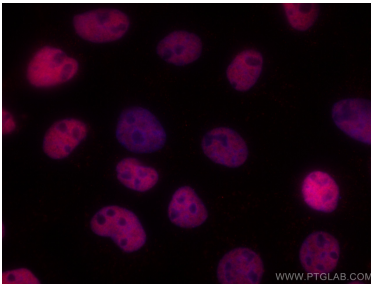
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CL594-66085 (HDAC1 antibody) at dilution of 1:100.



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.