

Nur für Forschungszwecke

HDAC2 Monoklonaler Antikörper

Katalog-Nr.:67165-1-Ig

Vorgestelltes Produkt

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 67165-1-Ig	GenBank-Zugangsnummer: BC031055	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2300 µg/ml von3066 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: histone deacetylase 2	CloneNo.: 1A3E4
Wirt: Maus	Berechnete Masse: 458 aa, 52 kDa; 488 aa,55 kDa	Empfohlene Verdünnungen: WB 1:20000-1:100000 IHC 1:500-1:2000 IF 1:400-1:1600
Isotyp: IgG2b	Beobachtete Masse: 55 kDa	
Immunogen Katalognummer: AG21288		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : MCF-7-Zellen, HepG2-Zellen, Jurkat-Zellen, NCCIT-Zellen
In Publikationen genannte Anwendungen: IF, IP, WB	IHC : humanes Mammakarzinomgewebe,
Getestete Reaktivität: Human, Maus, Ratte	IF : HepG2-Zellen,
Zitierte Arten: Human, Ratte	
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.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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tianrong Xun	35753429	Toxicol Appl Pharmacol	WB,IF,IP

Lagerung

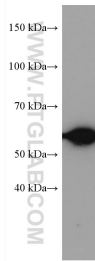
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

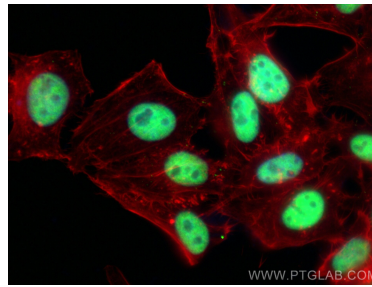
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

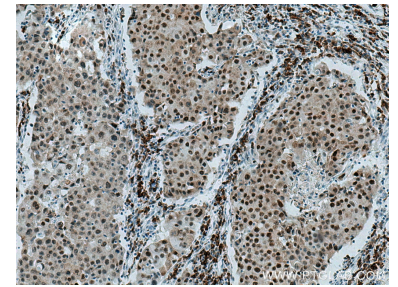
Ausgewählte Validierungsdaten



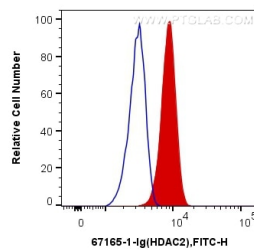
MCF-7 cells were subjected to SDS PAGE followed by western blot with 67165-1-Ig (HDAC2 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HDAC2 antibody (67165-1-Ig, Clone: 1A3E4) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67165-1-Ig (HDAC2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human HDAC2 (67165-1-Ig, Clone:1A3E4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).