

## Allgemeine Informationen

|                                                            |                                                     |                                                                    |
|------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------|
| <b>Katalog-Nr.:</b><br>CL488-67364                         | <b>GenBank-Zugangsnummer:</b><br>BC152405           | <b>Reinigungsmethode:</b><br>Protein-A-Reinigung                   |
| <b>Größe:</b><br>100ul, Konzentration: 1000 µg/ml von 9734 | <b>GeneID (NCBI):</b><br>von 9734                   | <b>CloneNo.:</b><br>1G6C5                                          |
| <b>Nanodrop:</b>                                           | <b>Vollständiger Name:</b><br>histone deacetylase 9 | <b>Anregungs-/Emissionsmaxima-Wellenlängen:</b><br>493 nm / 522 nm |
| <b>Wirt:</b><br>Maus                                       | <b>Berechnete Masse:</b><br>1011 aa, 111 kDa        |                                                                    |
| <b>Isotyp:</b><br>IgG2a                                    | <b>Beobachtete Masse:</b><br>130 kDa                |                                                                    |
| <b>Immunogen Katalognummer:</b><br>AG28514                 |                                                     |                                                                    |

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

HDAC9, also named as Histone deacetylase 7B, is a 1011 amino acid protein, which is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. HDAC9 represses MEF2-dependent transcription. HDAC9 is broadly expressed, with highest levels in brain, heart, muscle and testis.

## Lagerung

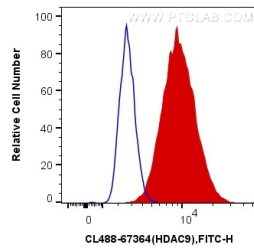
**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**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**

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human HDAC9 (CL488-67364, Clone:1G6C5) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).