

For Research Use Only

CoraLite® Plus 488-conjugated HDAC9 Monoclonal antibody



Catalog Number: CL488-67364

Basic Information

Catalog Number:

CL488-67364

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG28514

GenBank Accession Number:

BC152405

GeneID (NCBI):

9734

UNIPROT ID:

Q9UKV0

Full Name:

histone deacetylase 9

Calculated MW:

1011 aa, 111 kDa

Observed MW:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

1G6C5

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human

Background Information

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.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

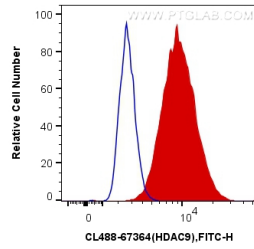
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ 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).