

For Research Use Only

CoraLite® Plus 488-conjugated HDAC9 Monoclonal antibody



Catalog Number: CL488-67364

Basic Information

Catalog Number: CL488-67364	GenBank Accession Number: BC152405	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9734	CloneNo.: 1G6C5
Source: Mouse	UNIPROT ID: Q9UKV0	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Full Name: histone deacetylase 9	
Immunogen Catalog Number: AG28514	Calculated MW: 1011 aa, 111 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications:
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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