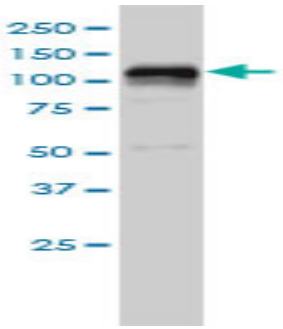
Mouse monoclonal antibody to human Histone deacetylase 7 [2B11-1C1]: IgG

Catalogue No.:	M-900-100
Description:	Histone deacetylase 7 is responsible for the deacetylation of lysine residues on the N-terminal region of the core histones (H2A, H2B, H3, H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. It is also involved in muscle maturation by repressing transcription of myocyte enhancer factors. Histone deacetylase 7 is a nuclear protein that shuttles between the nucleus and the cytoplasm.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant human Histone deacetylase 7 (677-952) with a GST tag.
Clone:	2B11-1C1
Other Names:	HD7; HD7a; HDAC7; HDAC7A
Accession:	HDAC7_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



Western blot detection of Histone deacetylase 7 expression in human chronic myelogenous leukemia cell lysate.

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