9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

HDAC1 monoclonal antibody (M06), clone 1D6

Catalog Number: H00003065-M06

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant HDAC1.

Clone Name: 1D6

Immunogen: HDAC1 (AAH00301, 1 a.a. ~ 482 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MAQTQGTRRKVCYYYDGDVGNYYYGQGHPMKPHRI
RMTHNLLLNYGLYRKMEIYRPHKANAEEMTKYHSDDY
IKFLRSIRPDNMSEYSKQMQRFNVGEDCPVFDGLFEF
CQLSTGGSVASAVKLNKQQTDIAVNWAGGLHHAKKS
EASGFCYVNDIVLAILELLKYHQRVLYIDIDIHHGDGVEE
AFYTTDRVMTVSFHKYGEYFPGTGDLRDIGAGKGKYY
AVNYPLRDGIDDESYEAIFKPVMSKVMEMFQPSAVVL
QCGSDSLSGDRLGCFNLTIKGHAKCVEFVKSFNLPML
MLGGGGYTIRNVARCWTYETAVALDTEIPNELPYNDY
FEYFGPDFKLHISPSNMTNQNTNEYLEKIKQRLFENLR
MLPHAPGVQMQAIPEDAIPEESGDEDEDDPDKRISICS
SDKRIACEEEFSDSEEEGEGGRKNSSNFKKAKRVKTE
DEKEKDPEEKKEVTEEEKTKEEKPEAKGVKEEVKLA

Host: Mouse

Reactivity: Human,Mouse,Rat

Applications: ELISA, IF, IHC-P, S-ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3065

Gene Symbol: HDAC1

Gene Alias: DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1

Gene Summary: Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq]