

Datasheet

CHD4 monoclonal antibody (M01), clone 4H4

Catalog Number: H00001108-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CHD4.

Clone Name: 4H4

Immunogen: CHD4 (NP_001264, 1632 a.a. ~ 1730 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

ETEPKGAADVEKVEEKSAIDLTPIVVEDKEEKKEEEEK
KEVMLQNGETPKDLNDEKQKKNIQRFMFNIADGGFT
ELHSLWQNEERAATVTKKTYEIIWH

Host: Mouse

Reactivity: Human

Applications: ELISA, 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: IgG2a 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: 1108

Gene Symbol: CHD4

Gene Alias: DKFZp686E06161, Mi-2b, Mi2-BETA

Gene Summary: The product of this gene belongs to the SNF2/RAD54 helicase family. It represents the main component of the nucleosome remodeling and

deacetylase complex and plays an important role in epigenetic transcriptional repression. Patients with dermatomyositis develop antibodies against this protein. [provided by RefSeq]

References:

1. Physical and Functional Interactions between the Histone H3K4 Demethylase KDM5A and the Nucleosome Remodeling and Deacetylase (NuRD) Complex. Nishibuchi G, Shibata Y, Hayakawa T, Hayakawa N, Ohtani Y, Shinmyozu K, Tagami H, Nakayama JI J Biol Chem. 2014 Sep 4. pii: jbc.M114.573725.