

Datasheet

CHD3 monoclonal antibody (M01), clone 5E12

Catalog Number: H00001107-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CHD3.

Clone Name: 5E12

Immunogen: CHD3 (NP_001005273, 1654 a.a. ~ 1741 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

KPLDGQEHRRERPEGETGDLGKREDVKGDRELPGPR
DEPRSNRRREEKTEKPRFMFNIADGGFTLHTLWQNE
ERAAISSGKLNEIWH

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, WB-Re

(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: 1107

Gene Symbol: CHD3

Gene Alias: Mi-2a, Mi2-ALPHA, ZFH

Gene Summary: This gene encodes a member of the CHD family of proteins which are characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains.

This protein is one of the components of a histone deacetylase complex referred to as the Mi-2/NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Chromatin remodeling is essential for many processes including transcription. Autoantibodies against this protein are found in a subset of patients with dermatomyositis. Three alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq]