



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to CHD3

Catalog Number: MAB-606020422

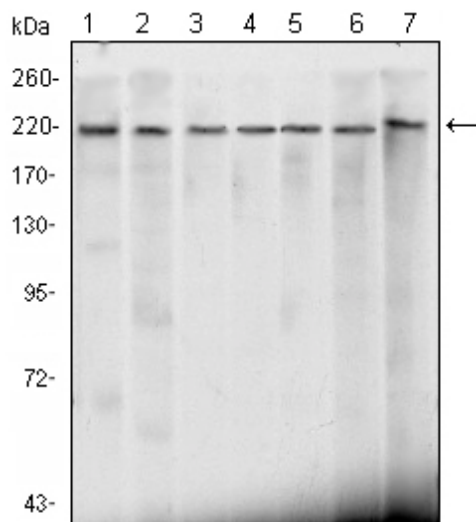


Figure 1: Western blot analysis using CHD3 mouse mAb against Hela (1), K562 (2), Jurkat (3), NTERA-2 (4), HEK293 (5), Raji (6) cell lysate and mouse brain (7) tissue lysate.

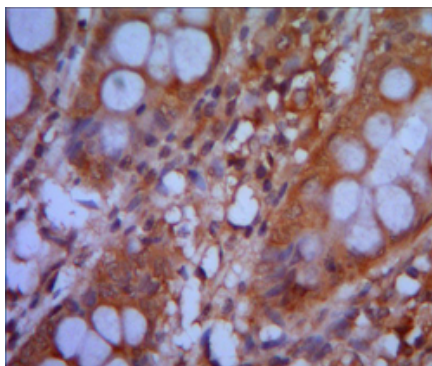


Figure 2: Immunohistochemical analysis of paraffin-embedded colon cancer tissues using CHD3 mouse mAb with DAB staining.

Lot#:
Clone#: 2G4
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 226kDa
Aliases: ZFH; Mi-2a; Mi2-ALPHA; CHD3
Entrez Gene: 1107
Species reactivity: Human; Mouse

Description 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.

Immunogen Purified recombinant fragment of human CHD3 expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.
Immunohistochemistry: 1/200 - 1/1000.
Immunofluorescence: 1/200 - 1/1000.
Flow cytometry: 1/200 - 1/400.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product

References 1. Virus Res. 2003 Dec;98(1):83-91.
2. Mol Cell. 2004 Sep 24;15(6):853-65.
3. J Biol Chem. 2008 Dec 12;283(50):34976-82.

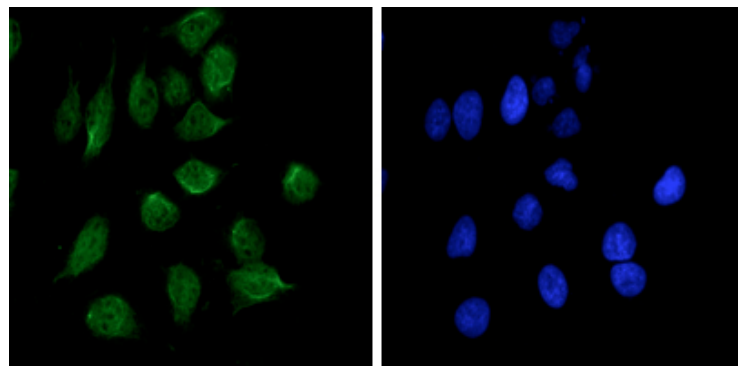


Figure 3: Immunofluorescence analysis of Hela cells using CHD3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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