

CHD3 (C-terminus) monoclonal antibody

Catalog: MB0061

Host: Mouse IgG1

Reactivity: Human

BackGround:

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Predicted band size:226KDa

Observed band size:260KDa

Swiss-Prot:

Q12873

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000

IHC: 1:500

FC: 1:50~100

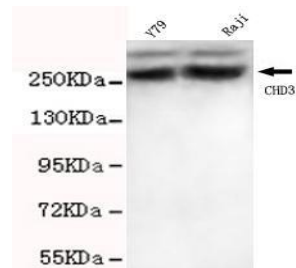
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

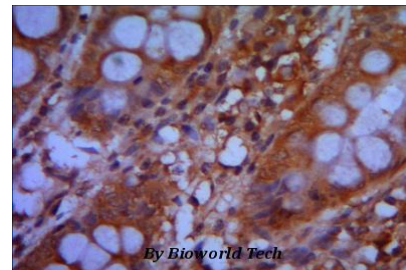
Specificity:

This antibody detects endogenous levels of CHD3 (C-terminus) and does not cross-react with related proteins

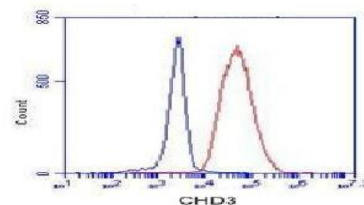
DATA:



Western blot detection of CHD3 antibody in Y79&Raji cell lysates using CHD3 antibody (1:1000 diluted).



IHC of paraffin-embedded human colon using anti- CHD3 (C-terminus) diluted 1/500-1/1000.



Flow Cytometry analysis of K562 cells stained with CHD3 (red, 1/100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Blue line histogram represents the isotype control, normal mouse IgG.

Note:

For research use only, not for use in diagnostic procedure.

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