



CHD3 (C-term)

Mouse monoclonal Antibody

#53560

Catalog Number: 53560

Amount: 100µg/100µl

Swiss-Prot No. : Q12873

Gene name: chd3

Gene id: 1107

Clone Number: 7F6-G2-E5

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

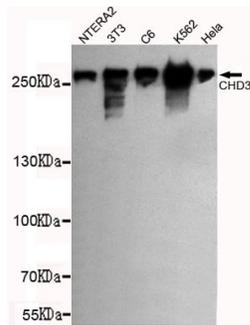
Immunogen: Purified recombinant human CHD3(C-term) protein fragments expressed in E.coli.

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of CHD3(C-term) and does not cross-react with related proteins

Reactivity: Human, Mouse, Rat

Applications: Predicted MW: 260kd WB: 1:1000 ICC:1:400



Western blot detection of CHD3 (C-terminus) in NTERA2, 3T3, C6, K562 and HeLa cell lysates using CHD3 (C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 260KDa. Observed band size: 260KDa.

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.