



# 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

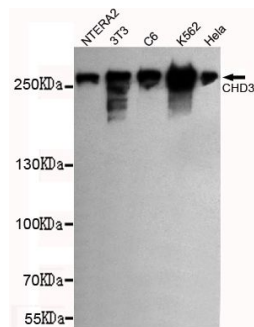
**Immunogen:** Purified recombinant human CHD3(C-term) protein fragments expressed in E.coli.

**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.