



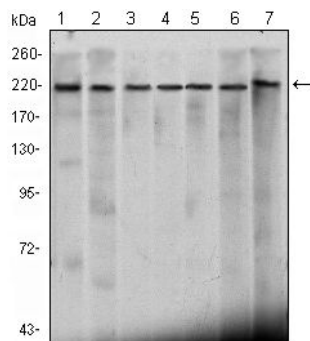
CHD3

Mouse monoclonal Antibody

#54040

**Catalog Number:** 54040**Amount:** 100µg/100µl**Swiss-Prot No. :**Q12873**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 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:**This antibody detects endogenous levels of CHD3 and does not cross-react with related proteins**Reactivity:** Human,Mouse**Applications:**

Predicted MW: 226kd WB:1:500-2000 IHC/ICC:1:200-1000



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.

### 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.