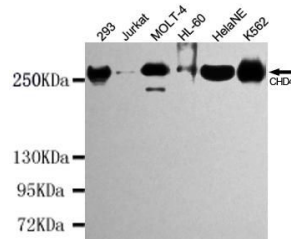


**CHD4****Mouse monoclonal Antibody****#53311****Catalog Number:** 53311**Amount:** 100µg/100µl**Swiss-Prot No. :** Q14839**Gene name:** chd4**Gene id:** 1108**Clone Number:** 5F1-A11-C9**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human CHD4 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CHD4 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 260kd WB: 1:1000

Western blot detection of CHD4 in K562, HeLaNE, HL-60, MOLT-4, Jurkat and 293 cell lysates using CHD4 mouse mAb (1:1000 diluted). Predicted band size: 260KDa. Observed band size: 260KDa.

### Background:

The product of this gene belongs to the SNF2/RAD54 helicase family. It represents the main component of the nucleosome remodeling and deacetylase complex and plays an important role in epigenetic transcriptional repression. Patients with dermatomyositis develop antibodies against this protein