Recombinant DGRmAb®

CHD3 (DGR16989) Rabbit mAb

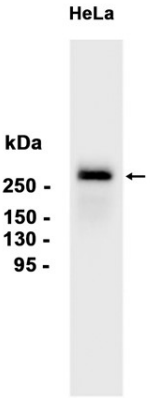
db14757 **Package : 10μL 20μL 50μL 100μL**

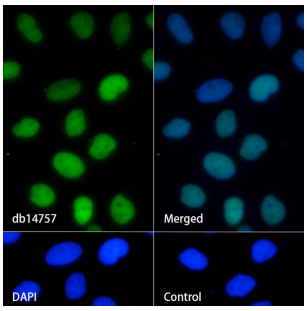
Product Name : CHD3 (DGR16989) Rabbit mAb
Cat.No.: db14757
Synonyms : ZFH; Mi-2a; Mi2-ALPHA
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human CHD3
Gene ID	1107
Swiss Prot	Q12873
Synonyms	ZFH; Mi-2a; Mi2-ALPHA
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200 FC: 1:50-1:100
Calculated MW	227 kDa
Observed MW	260 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR16989
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Western blot analysis of extracts from HeLa cells using db14757 at 1:1000.





Immunofluorescence analysis of HeLa cells labelling CHD3 with db14757.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14757 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.