

Recombinant

DGRmAb®

CHD3 (DGR16989) Rabbit mAb (PBS Only)

db14757-PBS

Package : 10µg 100µg

Product Name : CHD3 (DGR16989) Rabbit mAb (PBS Only)**Cat.No.:** db14757-PBS**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

Calculated MW

227 kDa

Observed MW

260 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16989

Isotype

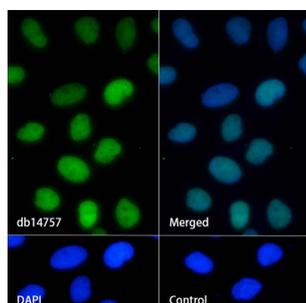
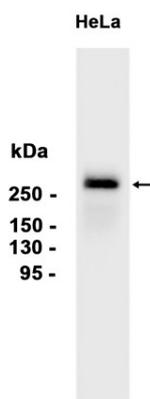
IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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 temperature 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.