



CHD3(C-term) mouse mAb

Catalog No	BYab-17530
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ICC;IP
Gene Name	chd3
Protein Name	
Immunogen	Purified recombinant human CHD3 (C-terminus) protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of CHD3 (C-terminus) and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb 1:1000 icc 1:400
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	226;2600010P09Rik;AF020312;ATP dependent helicase CHD3;ATP-dependent helicase Chd3;CHD-3;Chd3;CHD3_HUMAN;Chd7;Chromodomain-helicase-DNA-binding protein 3;hZFH;MGC40857;Mi 2 autoantigen 240 kDa protein;Mi 2a;Mi-2 autoantigen 240 kDa protein;Mi2 ALPHA;Mi2-alpha; Prp7;Prp9 1;ZFH;Zinc finger helicase;zinc-finger helicase (Snf2-like).
Observed Band	260kD
Cell Pathway	Nucleus, PML body . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Associates with centrosomes in interphase and mitosis. .
Tissue Specificity	Widely expressed.
Function	disease:One of the main antigens reacting with anti-MI-2 positive sera of dermatomyositis.,function:Probable transcription regulator.,sequence caution:Differs from position 1967 onward for unknown reasons.,similarity:Belongs to the SNF2/RAD54 helicase

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	family.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 2 chromo domains.,similarity:Contains 2 PHD-type zinc fingers.,subunit:Central component of the nucleosome remodeling and histone deacetylase (NuRD) repressive complex. Interacts with TRIM28 and SERBP1. Interacts via its C-terminal region with HABP4.,tissue specificity:Widely expressed.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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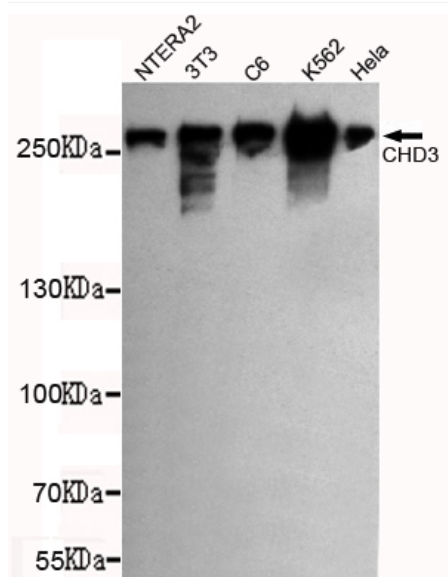
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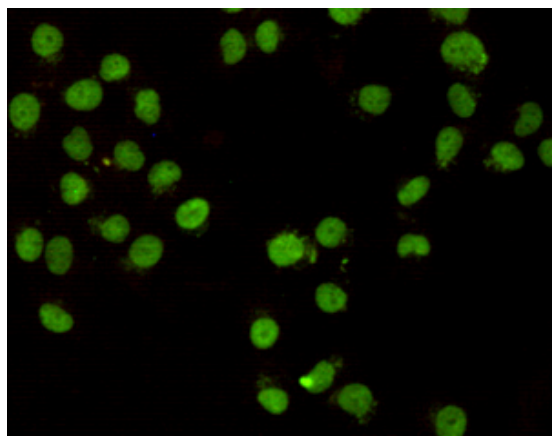
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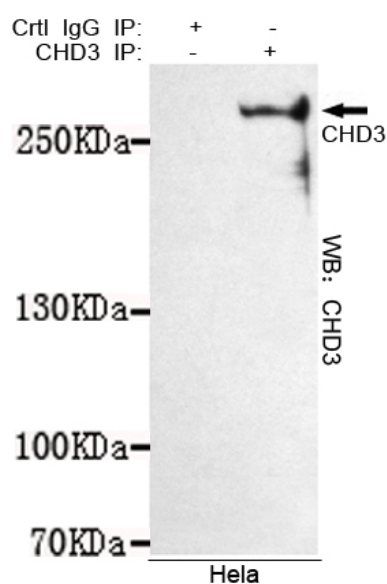
Products Images



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: 260 kDa. Observed band size: 260 kDa.



Immunocytochemistry staining of HeLa cells fixed with -20°C Methanol and using CHD3 (C-terminus) mouse mAb (dilution 1:400).



Immunoprecipitation analysis of HeLa cell lysates using CHD3 mouse mAb.

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