

DATASHEET

CHD4 Mouse Monoclonal Antibody(C3357)

CAT. NO. AMA02969

KEY FEATURES

Target	CHD4	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IP	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

BACKGROUND

ATP-dependent chromatin-remodeling factor that binds and distorts nucleosomal DNA . Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin . Localizes to acetylated damaged chromatin in a ZMYND8-dependent manner, to promote transcriptional repression and double-strand break repair by homologous recombination . Involved in neurogenesis .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IP	1:10 - 1:50

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

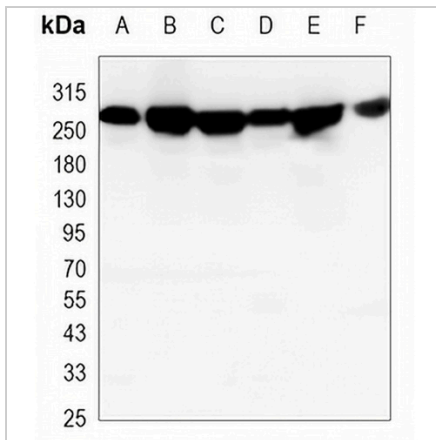
Description	Mouse monoclonal antibody to CHD4
Specificity	Recognizes endogenous levels of CHD4 protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human CHD4 protein fragments expressed in E.coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 218 kD; Observed: 260 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	Chromodomain-helicase-DNA-binding protein 4; CHD-4; ATP-dependent helicase CHD4; Mi-2 autoantigen 218 kDa protein; Mi2-beta
Gene Symbol	CHD4
Entrez Gene	1108(Human)
SwissProt	Q14839(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of CHD4 expression in K562 (A), HeLa (B), HL60 (C), Molt4 (D), Jurkat (E), 293T (F) whole cell lysates. (Predicted band size: 218 kD; Observed band size: 260 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.