

A Reliable Research Partner in Life Science and Medicine

Recombinant CHD3 Monoclonal Antibody

catalog number: AN301771L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;

Immunogen Recombinant human CHD3 fragment

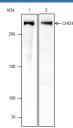
HostRabbitIsotypeIgG, κ CloneA479

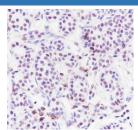
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100
IF	1:50
FCM	1:50-1:100

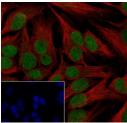
Data



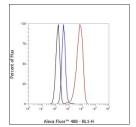


Western Blot with CHD3 Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human breast 1:1000. Lane 1: C6, Lane 2: HeLa using CHD3 Monoclonal Antibody at dilution of 1:100.

Observed-MW:260 kDa Calculated-MW:227 kDa



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-CHD3 Monoclonal Antibody at dilution of 1:50.



Flow cytometric analysis of human CHD3 expression on HeLa cells. Cells were stained with purified anti-Human CHD3, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

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Chromodomain-helicase-DNA-binding protein 3(CHD3) is an enzyme that is encoded by the CHD3 gene in human. 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. CHD3 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. Mutations in CHD3 gene cause a neurodevelopmental syndrome with macrocephaly and impaired speech and language.

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