

RecomAb™

CHD3 recombinant monoclonal antibody, clone R05-6G3

Catalog # RAB06409 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human, mouse and rat CHD3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human CHD3.
Theoretical MW (kDa)	Calculated MW: 227 k
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunohistochemistry (1:50-1:100) Immunofluorescence(1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — CHD3

Entrez GeneID [1107](#)**Protein Accession#** [Q12873](#)**Gene Name** CHD3**Gene Alias** Mi-2a, Mi2-ALPHA, ZFH**Gene Description** chromodomain helicase DNA binding protein 3**Omim ID** [602120](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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]

Other Designations zinc-finger helicase (Snf2-like)