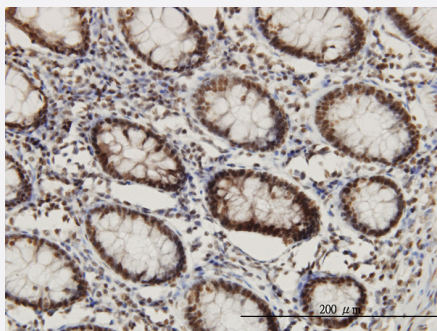


# CHD3 monoclonal antibody (M01), clone 5E12

Catalog # H00001107-M01

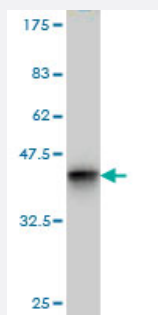
Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CHD3 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Western Blot detection against Immunogen (35.42 KDa) .

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CHD3.
Immunogen	CHD3 (NP_001005273, 1654 a.a. ~ 1741 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KPLDGQEHRRERPEGETGDLGKREDVKGDRELPGPRDEPRSNRGREEKTEKPRFMFNIADGGF TELHTLWQNEERAAISSGKLNEWH
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (92)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.42 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CHD3 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

## Gene Info — CHD3

Entrez GeneID	<a href="#">1107</a>
GeneBank Accession#	<a href="#">NM_001005273</a>
Protein Accession#	<a href="#">NP_001005273</a>
Gene Name	CHD3
Gene Alias	Mi-2a, Mi2-ALPHA, ZFH
Gene Description	chromodomain helicase DNA binding protein 3
Omim ID	<a href="#">602120</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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)