

Mouse CHD3 Monoclonal Antibody | anti-CHD3 antibody

CHD3 antibody

CATALOG # AAA225008	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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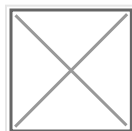
PRODUCT SYNONYMS

CHD3; Monoclonal Antibody; CHD3 antibody; Mouse monoclonal CHD3 antibody; Monoclonal CHD3 antibody; Anti-CHD3 antibody; Chromodomain-helicase-DNA-binding protein 3 antibody; ZFH antibody; Mi-2a antibody; Mi2-ALPHA antibody; CHD 3; CHD-3; CHD 3 antibody; CHD-3 antibody; anti-CHD3 antibody

PRODUCT SPECIFICATIONS

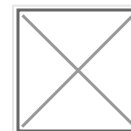
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2G4
Form/Format	Liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	892
Applicable Applications for anti-CHD3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	CHD3 antibody was raised in Mouse using a purified recombinant fragment of human CHD3 expressed in E Coli as the immunogen.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CHD3 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



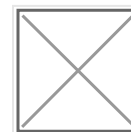
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded colon cancer tissues using CHD3 antibody with DAB staining.



WB (Western Blot)

Western Blot showing CHD3 antibody used against HeLa (1), K562 (2), Jurkat (3), NTERA-2 (4), HEK293 (5), Raji (6) cell lysate and mouse brain (7) tissue lysate.



FCM/FACS (Flow Cytometry)

FC analysis of K562 cells using CHD3 antibody (green) and negative control (purple).

ADDITIONAL INFORMATION

Related Product Information for anti-CHD3 antibody	CHD3 is 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.
Product Categories/Family for anti-CHD3 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	24666729
NCBI GeneID	40111
NCBI Accession #	NP_649111.1
NCBI GenBank Nucleotide #	NM_140854.3
UniProt Accession #	O16102 ; Q8SYJ8 ; Q9VVZ3
Molecular Weight	103,022 Da
NCBI Official Full Name	Chd3
NCBI Official Symbol	Chd3
NCBI Official Synonym Symbols	CG9594; CHD-3; chd3; CHD3; dCHD3; DmCHD3; DmelCG9594
NCBI Protein Information	Chd3
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 3
UniProt Gene Name	Chd3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/chd3-antibody-clone-2g4-western-blot-immunohistochemistry-immunofluorescence-elisa/225008>