

Mouse anti-Human CHD3 Monoclonal Antibody | anti-CHD3 antibody

CHD3 (C-term) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320314	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

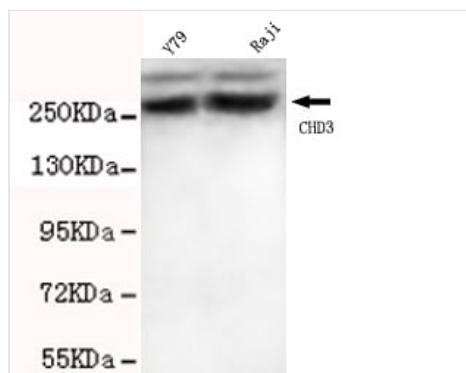
PRODUCT SYNONYMS

CHD3; Monoclonal Antibody; CHD3 (C-term) Mouse mAb; 226; 2600010P09Rik; AF020312; ATP dependent helicase CHD3; ATP-dependent helicase Chd3; CHD-3; Chd3; CHD3_HUMAN; Chd7; Chromodomain-helicase-DNA-binding protein 3; hZFH; MGC40857; Mi 2 autoantigen 240 kDa protein; Mi 2a; Mi-2 autoantigen 240 kDa protein; Mi2 ALPHA; Mi2-alpha; Prp7; Prp9 1; ZFH; Zinc finger helicase; zinc-finger helicase (Snf2-like).; anti-CHD3 antibody

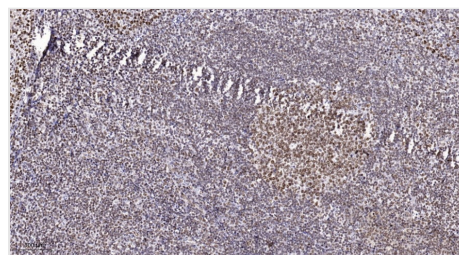
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of CHD3 (C-terminus) and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CHD3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant human CHD3 (C-terminus) protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

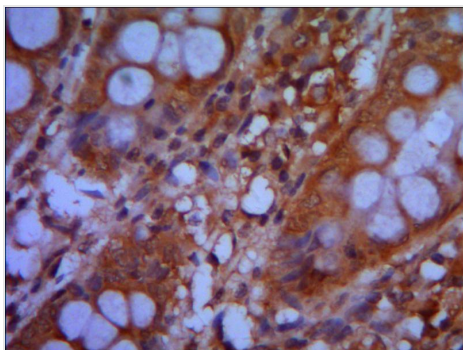


Application Data

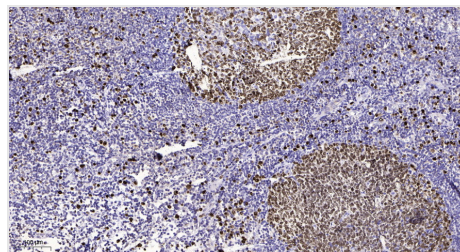


FCM/FACS (Flow Cytometry)

Flow Cytometry analysis of K562 cells stained with CHD3 (red. 1/100 dilution). followed by FITC-conjugated goat anti-mouse IgG. Blue line histogram represents the isotype control. normal mouse IgG.



IHC (Immunohistochemistry)
IHC of paraffin-embedded human colon using anti-CHD3 (C-terminus) diluted 1/500-1/1000.



WB (Western Blot)
Western blot detection of CHD3 (C-terminus) in Y79 and Raji cell lysates using CHD3 (C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 226KDa. Observed band size: 260KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CHD3 antibody	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, Jul 2008]
Product Categories/Family for anti-CHD3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	158420731
NCBI GeneID	1107
NCBI Accession #	NP_001005271.2
NCBI GenBank Nucleotide #	NM_001005271.2
UniProt Accession #	Q12873; Q9Y4I0; D3DTQ9; E9PG89
Molecular Weight	226,592 Da
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 3 isoform 3
NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 3
NCBI Official Symbol	CHD3
NCBI Official Synonym Symbols	ZFH; Mi-2a; Mi2-ALPHA
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 3; hZFH; CHD-3; zinc finger helicase; ATP-dependent helicase CHD3; mi-2 autoantigen 240 kDa protein; zinc-finger helicase (Snf2-like)
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 3
UniProt Gene Name	CHD3
UniProt Synonym Gene Names	CHD-3; hZFH
UniProt Entry Name	CHD3_HUMAN

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.