

Mouse Monoclonal Antibody to CHD3

Catalogue Number	sAP-0344
Target Molecule	Name: CHD3 Aliases: ZFH; Mi-2a; Mi2-ALPHA; CHD3 MW: 226kDa Entrez Gene ID: 1107
Description	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.
Immunogen	Purified recombinant fragment of human CHD3 expressed in E. Coli.
Reactive Species	Human; Mouse
Clone	MM2G4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Virus Res. 2003 Dec;98(1):83-91. ; 2. Mol Cell. 2004 Sep 24;15(6):853-65. ; 3. J Biol Chem. 2008 Dec 12;283(50):34976-82.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**