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Datasheet for ABIN7193388
anti-CHD4 antibody (AA 1-194)

3 Images

Overview

Quantity:	0.1 mg
Target:	CHD4
Binding Specificity:	AA 1-194
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CHD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CHD4 (AA: 1-194) expressed in E. coli.
Clone:	3D3E9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CHD4
Alternative Name:	CHD4 (CHD4 Products)
Background:	Description: The product of this gene belongs to the SNF2/RAD54 helicase family. It represents

Target Details

the main component of the nucleosome remodeling and deacetylase complex and plays an important role in epigenetic transcriptional repression. Patients with dermatomyositis develop antibodies against this protein. Somatic mutations in this gene are associated with serous endometrial tumors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]

Aliases: CHD-4, Mi-2b, SIHIWES, Mi2-BETA

Molecular Weight: 218 kDa

Gene ID: 1108

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: N/A, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

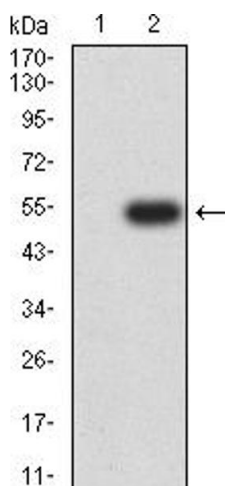
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

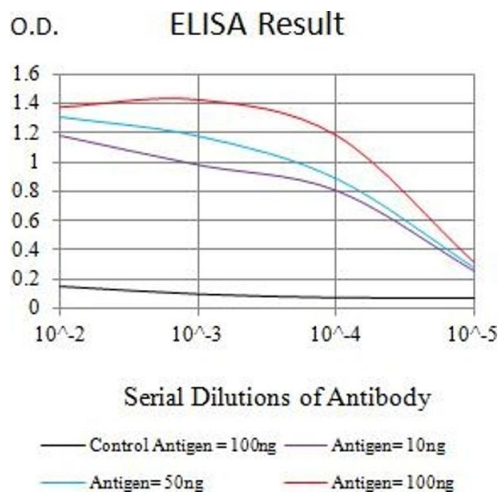
Storage Comment: 4°C, -20°C for long term storage

Images



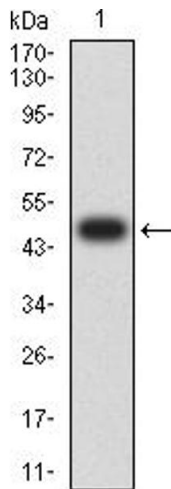
Western Blotting

Image 1. Western blot analysis using CHD4 mAb against HEK293 (1) and CHD4 (AA: 1-194)-hIgGfC transfected HEK293 (2) cell lysate.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CHD4 mAb against human CHD4 (AA: 1-194) recombinant protein. (Expected MW is 47.9 kDa)