

CHD4 Mouse mAb

CatalogNo: YM1353

Orthogonal Validated Comparable Abs 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB, CoIP

MW

- 260kD (Observed)

Recommended Dilution Ratios

WB 1:1000

IP 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Monoclonal**Clone Number** 8B8

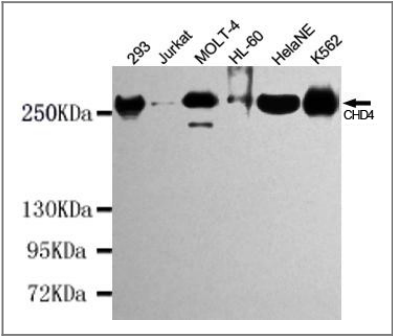
Immunogen Information

Immunogen Purified recombinant human CHD4 protein fragments expressed in E.coli.**Specificity** This antibody detects endogenous levels of CHD4 and does not cross-react with related proteins.

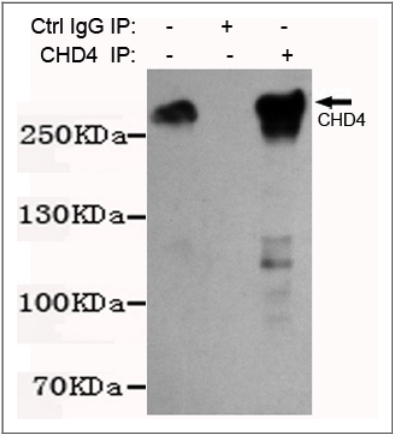
Target Information

Gene name	CHD4		
Protein Name	Organism	Gene ID	UniProt ID
	Human	1108 ;	Q14839 ;
Cellular Localization	Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Associates with centrosomes in interphase. .		
Tissue specificity	Epithelium,Pancreas,Skin,Uterus,		
Function	Disease:One of the main antigens reacting with anti-MI-2 positive sera of dermatomyositis.,Function:Probable transcription regulator.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the SNF2/RAD54 helicase family.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 2 chromo domains.,similarity:Contains 2 PHD-type zinc fingers.,subunit:Central component of the nucleosome remodeling and histone deacetylase (NuRD) repressor complex. Interacts with TRIM27. Part of a complex containing ATR and HDAC2. Interacts with KLF1; the interaction depends on sumoylation of KLF1, and leads to its transcriptional repression.,		

Validation Data



Western blot detection of CHD4 in K562,HeLaNE,HL-60,MOLT-4,Jurkat and 293 cell lysates using CHD4 mouse mAb (1:1000 diluted).Predicted band size:260KDa.Observed band size:260KDa.



Immunoprecipitation analysis of K562 cell lysates using CHD4 mouse mAb.

| Contact information

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CHD4 Mouse mAb

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