

## CHD4 (PT1148R) PT™ Rabbit mAb

CatalogNo: YM8880 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, IF, IP, ELISA

#### MW

- 218kD (Calculated)  
260kD (Observed)

#### Isotype

- IgG, Kappa

### Recommended Dilution Ratios

**WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

### Basic Information

**Clonality** Monoclonal**Clone Number** PT1148R

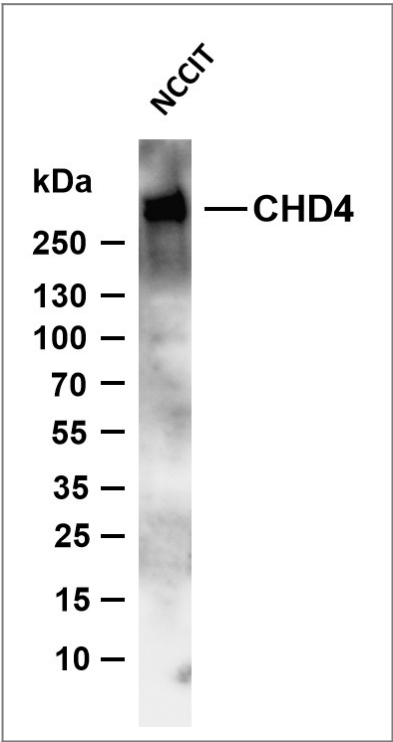
### Immunogen Information

**Specificity** Endogenous

## Target Information

Gene name	CHD4		
Protein Name	Chromodomain-helicase-DNA-binding protein 4		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">1108</a> ;	<a href="#">Q14839</a> ;
	Mouse	<a href="#">107932</a> ;	<a href="#">Q6PDQ2</a> ;
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



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-CHD4 (PT1148R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: NCCIT Predicted band size: 218kDa Observed band size: 260kDa

## | Contact information

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product information:  
**CHD4 (PT1148R)**  
**PT™ Rabbit mAb**

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