

Anti-CHD4 [CHD4 3F2/4]

Catalogue number: 151462

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CHD4 [CHD4 3F2/4]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: CHD4/Mi-2b is a component of the nucleosome remodeling and deacetylase (NuRD) complex which is a multi-subunit protein complex containing both histone deacetylase and nucleosome-dependent ATPase subunits. Current models predict that this complex functions primarily in transcriptional repression. Accumulating evidence indicates that NuRD may regulate the transcription of specific genes by interacting with specific transcriptional factors. In addition, the NuRD complex may also participate in genome-wide transcriptional regulation through an association with histone tails.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Mouse ; Human

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide (N- and C- terminal peptides were used for immunisation. 1. ASGLGSPSPCSAGSEEDM & 2. CSRLANRAPEPPPQQVAQQQ. Which peptide the antibody recognises has not been tested)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Chromodomain-helicase-DNA-binding protein 4 (CHD4/Mi2b)

Target alternate names:

Target background: CHD4/Mi-2b is a component of the nucleosome remodeling and deacetylase (NuRD) complex which is a multi-subunit protein complex containing both histone deacetylase and nucleosome-dependent ATPase subunits. Current models predict that this complex functions primarily in transcriptional repression. Accumulating evidence indicates that NuRD may regulate the transcription of specific genes by interacting with specific transcriptional factors. In addition, the NuRD complex may also participate in genome-wide transcriptional regulation through an association with histone tails.

Molecular weight:

Ic50:

Applications

Application: ChIP ; ELISA ; FACS ; IF ; IHC ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -80° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Tu et al. 2013. PLoS One. 8(7):e68574. PMID: 23840897. ; Recombinant human adenovirus-p53 injection induced apoptosis in hepatocellular carcinoma cell lines mediated by p53-Fbxw7 pathway, which controls c-Myc and cyclin E. ; Nateri et al. 2004. Science. 303(5662):1374-8. PMID: 14739463. ; The ubiquitin ligase SCFFbw7 antagonizes apoptotic JNK signaling.

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