

Anti-CHD1 antibody

Clone	Cross reactivity	Application notes	Host	Isotype	Storage
2F11H5	Hu, Ms	WB, ICC, IHC	Rat	IgG2a, κ	-20°C

BACKGROUND : CHD1 is a subfamily member of the CHD family, which possesses a chromodomain, a helicase domain, and a DNA-binding domain. The CHD family regulates gene expression by contributing to ATP-dependent chromatin remodeling. CHD1 exists in the transcriptionally active region and alters the chromatin structure.

Immunogen Synthetic peptide corresponding to the C-terminal 12 aa of mouse CHD1, STPEHTWSSRKT

Host Rat

Isotype IgG2a, κ

Cross reactivity Human, Mouse

Other species have not been tested.

Specificity CHD1

Application notes Recommended use

WB, ICC, IHC Not tested for other applications.

Recommended dilutions

Western blotting, 1/1000 to 1/5000

Immunocytochemistry, 1/100 to 1/500

Immunohistochemistry, 1/100 to 1/500

Optional dilutions/concentrations should be determined by the end user.

Source Culture Supernatant

Purification Ion-exchange chromatography

Form Liquid

Presentation Purified monoclonal antibody in PBS,
50% Glycerol, 0.05%w/v ProClin300

Concentration 1 mg/mL

Volume 100 μ L

Storage Store below -20°C

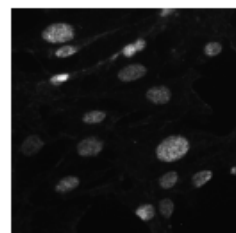
(below -70°C for prolonged storage)

Aliquot to avoid cycles of freeze/thaw.

References 1) Yoshimura et al.,(2010) *Hybridoma* , 3, 237-240.

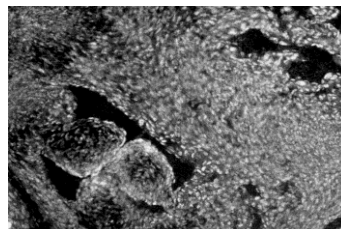
This antibody is used in ref.1.

Data



NIH3T3 cells

Fig.1 Immunocytochemistry/Immunofluorescence
- CHD1 antibody (2F11H5)
NIH3T3 (mouse) cells



E12.5 mouse heart

Fig.2 Immunohistochemistry/Immunofluorescence
- CHD1 antibody (2F11H5)
E12.5 mouse heart

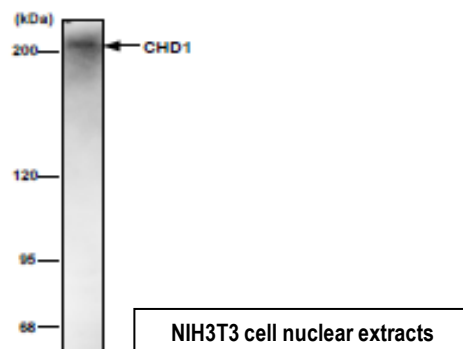


Fig.3 Western blot - CHD1 antibody (2F11H5)
NIH3T3 (mouse) cell nuclear extracts