Monoclonal Antibody
Catalog No. CEC-040

For research use only.
Not for use in diagnostic procedures.

Anti-CHD2 antibody

Clone	Cross reactivity	Application notes	Host	Isotype	Storage
6D2	Hu, Ms	WB, ICC, IHC	Rat	IgG2a, κ	-20°C

BACKGROUND : CHD2 is a member of the CHD family that contains chromodomain, helicase domain as well as DNA-binding domain. The CHD family is involved in gene expression and transcription by ATP-dependent chromatin remodeling. Analysis of mutant mouse revealed that CHD2 is involved in development as well as hematopoiesis, which suggests the involvement of CHD2 in gene expression.

Immunogen Recombinant GST-fused fragment of mouse CHD2 (aa 1313-1391)

Host Rat
Isotype IgG2a, κ
Cross reactivity Human, Mouse
Other species have not been tested.
Specificity CHD2
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 μL
Storage Store below -20°C
(below -70°C for prolonged storage)
Aliquot to avoid cycles of freeze/thaw.

References 1) Harada et al.,(2010) *Hybridoma* , 2, 173-177.
This antibody is used in ref.1.

Data

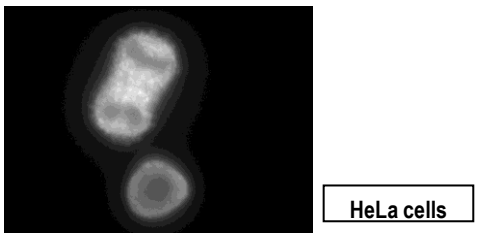

Fig.1 Immunocytochemistry/Immunofluorescence
- CHD2 antibody (6D2)
HeLa cells

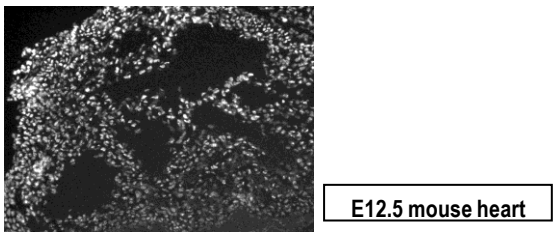

Fig.2 Immunohistochemistry/Immunofluorescence
- CHD2 antibody (6D2)
E12.5 mouse heart

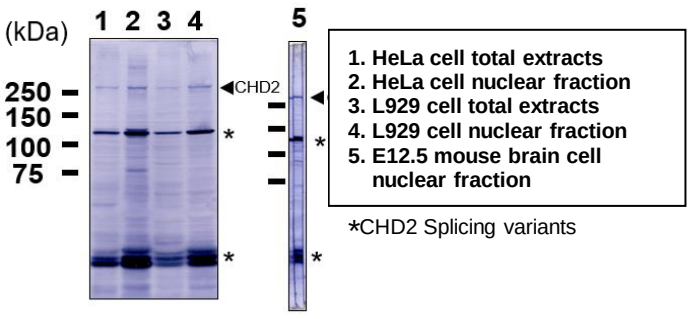

Fig.3 Western blot - CHD2 antibody (6D2)
HeLa cell total and nuclear extracts
L929 cell total and nuclear extracts
E12.5 mouse brain cell nuclear extracts

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