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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-CHD2 Antibody Picoband® FITC Conjugated

**Catalog Number:** A04079-FITC

## About CHD2

Chromodomain-helicase-DNA-binding protein 2 is an enzyme that in humans is encoded by the CHD2 gene. The CHD family of proteins is characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. CHD genes alter gene expression possibly by modification of chromatin structure thus altering access of the transcriptional apparatus to its chromosomal DNA template. CHD2 catalyzes the assembly of chromatin into periodic arrays; and the N-terminal region of CHD2, which contains tandem chromodomains, serves an auto-inhibitory role in both the DNA-binding and ATPase activities of CHD2.

## Overview

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| Product Name | Anti-CHD2 Antibody Picoband® FITC Conjugated |
| Reactive Species | Human, Monkey, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3. |
| Storage Instructions | At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | O14647 |

## Technical Details

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| Immunogen | E. coli-derived human CHD2 recombinant protein (Position: R1124-K1351). Human CHD2 shares 97.4% amino acid (aa) sequence identity with mouse CHD2. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | FITC<br>Excitation Wavelength: 495 nm<br>Emission Wavelength: 525 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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For Research Use Only. Not for use in diagnostic procedures.