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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CTCF monoclonal antibody, clone CL0304

Catalog Number: MAB15597

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant human CTCF.

Clone Name: CL0304

Immunogen: Recombinant protein corresponding to human CTCF.

Sequence:

QNQTDGGEVVQDVNSSVQMVMMEQLDPTLLQMKTE
VMEGTVAPEAAEAAVDDTQIITLQVVNMEEQPINIGELQL
VQVPVPVTPVATTSVEELQGAYENEVSKEGLAESEP
MICHTLPLPEGFQVVKVGANGEVETLEQGELPPQEDP

Host: Mouse

Epitope: This antibody binds to an epitope located within the peptide sequence AYENEVSKEG as determined by overlapping synthetic peptides.

Reactivity: Human

Applications: IHC-P, WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG2a

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)

(1:1000-1:2500)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10664

Gene Symbol: CTCF

Gene Alias: -

Gene Summary: This gene is a member of the BORIS + CTCF gene family and encodes a transcriptional regulator protein with 11 highly conserved zinc finger (ZF) domains. This nuclear protein is able to use different combinations of the ZF domains to bind different DNA target sequences and proteins. Depending upon the context of the site, the protein can bind a histone acetyltransferase (HAT)-containing complex and function as a transcriptional activator or bind a histone deacetylase (HDAC)-containing complex and function as a transcriptional repressor. If the protein is bound to a transcriptional insulator element, it can block communication between enhancers and upstream promoters, thereby regulating imprinted expression. Mutations in this gene have been associated with invasive breast cancers, prostate cancers, and Wilms' tumors. [provided by RefSeq]

References:

1. Antibodies biotinylated using a synthetic Z-domain from protein A provide stringent in situ protein detection. Andersson S, Konrad A, Ashok N, Ponten F, Hober S, Asplund A. J Histochem Cytochem. 2013 Nov;61(11):773-84. doi: 10.1369/0022155413502360. Epub 2013 Aug 6.