



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CTCF monoclonal antibody, clone CL0305

**Catalog Number:** MAB15598

**Regulatory Status:** For research use only (RUO)

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

**Clone Name:** CL0305

**Immunogen:** Recombinant protein corresponding to human CTCF.

**Sequence:**

QNQTDGGEVVQDVNSSVQMVMMEQLDPTLLQMKTE  
VMEGTVAPEAEAAVDDTQIITLQVVNMEEQPINIGELQL  
VQVPVPVTPVATTSVEELQGAYENEVSKEGLAESEP  
MICHTLPLPEGFQVVKVGANGEVETLEQGELPPQEDP

**Host:** Mouse

**Epitope:** This antibody binds to an epitope located within the peptide sequence NMEEQPINIGELQLV 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:** IgG1

**Recommend Usage:** Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)

(1:500-1:1000)

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]