

Mouse anti-Human CTCF Monoclonal Antibody | anti-CTCF antibody

Mouse monoclonal antibody Anti-Human CTCF

CATALOG # AAA36475	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Dot Blot
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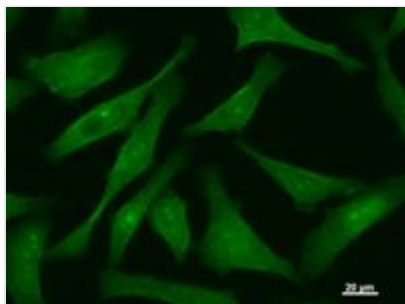
PRODUCT SYNONYMS

CTCF; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human CTCF; Homo sapiens CCCTC-binding factor (zinc finger protein); anti-CTCF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	252C3a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	3460
Applicable Applications for anti-CTCF antibody	ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



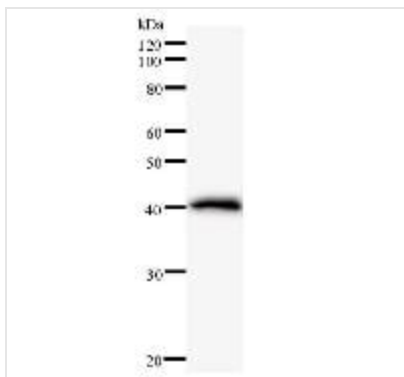
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-CTCF mAb. [Lot No. 252C3a-1]



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-CTCF monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CTCF antibody

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. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	33878521
NCBI GeneID	10664
Molecular Weight	45,998 Da
NCBI Official Full Name	Homo sapiens CCCTC-binding factor (zinc finger protein), mRNA
NCBI Official Synonym Full Names	CCCTC-binding factor (zinc finger protein)
NCBI Official Symbol	CTCF
NCBI Official Synonym Symbols	MRD21
NCBI Protein Information	transcriptional repressor CTCF; 11 zinc finger transcriptional repressor; 11-zinc finger protein; CTCFL paralog
UniProt Protein Name	Transcriptional repressor CTCF
UniProt Gene Name	CTCF
UniProt Entry Name	CTCF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ctcf-antibody-clone-252c3a-immunocytochemistry-dot-blot-elisa/36475>