



Recombinant CTCFL Monoclonal Antibody

catalog number: AN302061L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Peptide. This information is proprietary to PTMab.

HostRabbitIsotypeIgG, κCloneA781

Purification Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

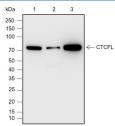
Applications Recommended Dilution

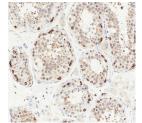
WB 1:5000-1:10000

IHC 1:100-1:1000

FCM 1:100

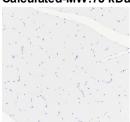
Data

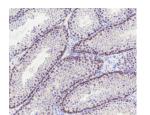




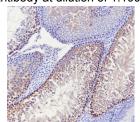
Western Blot with CTCFL Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human testis 1:10000. Lane 1: HeLa, Lane 2: Jurkat, Lane 3: PC-3 using CTCFL Monoclonal Antibody at dilution of 1:1000.

Observed-MW:75 kDa Calculated-MW:75 kDa

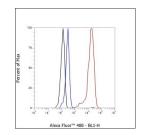




Immunohistochemistry of paraffin-embedded Human skeletal muscle (negative tissue) using CTCFL Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse testis using CTCFL Monoclonal Antibody at dilution of 1:1000.



For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

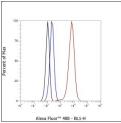
Elabscience®

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

Immunohistochemistry of paraffin-embedded Rat testis using CTCFL Monoclonal Antibody at dilution of 1:100.

Flow cytometric analysis of human CTCFL expression on MCF-7 cells. Cells were stained with purified anti-Human CTCFL, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Flow cytometric analysis of human CTCFL expression on HeLa cells. Cells were stained with purified anti-Human CTCFL, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

CCCTC-binding factor (CTCF), an 11-zinc-finger factor involved in gene regulation, utilizes different zinc fingers to bind varying DNA target sites. CTCF forms methylation-sensitive insulators that regulate X-chromosome inactivation. This gene is a paralog of CTCF and appears to be expressed primarily in the cytoplasm of spermatocytes, unlike CTCF which is expressed primarily in the nucleus of somatic cells. CTCF and the protein encoded by this gene are normally expressed in a mutually exclusive pattern that correlates with resetting of methylation marks during male germ cell differentiation. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

For Research Use Only