### bsm-51632M

# [ Primary Antibody ]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

## **CTCF Mouse mAb**

DATASHEET

Host: Mouse Isotype: IgG1, k Clonality: Monoclonal CloneNo.: G3F32 **GeneID: 10664 SWISS:** P49711

Target: CTCF

Purification: affinity purified by Protein G

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: CTCF (CCCTC-binding factor) is a highly conserved zinc finger

protein that has been implicated in playing a role in a wide range of regulatory functions, including transcriptional

activation/repression, insulation, imprinting, and X chromosome inactivation. A general role for CTCF in the global organisation of chromatin architecture has been proposed. It has been suggested that CTCF is involved, in a heritable manner, in the interplay between DNA methylation, higher-order chromatin structure, and

lineage-specific gene expression.

Applications: WB (1:500-2000)

Reactivity: Human, Rat

Predicted 83 kDa

Subcellular Nucleus

### VALIDATION IMAGES -



Sample: Lane 1: K562 cell lysates Lane 2: Jurkat cell lysates Lane 3: Hela cell lysates Lane 4: C6 cell lysates Lane 5: MOLT-4 cell lysates Primary: Anti-CTCF (bsm-51632M) at 1/4000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 83 kD Observed band size: 180 kD