

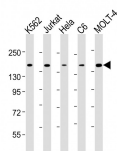
bsm-51632M**[Primary Antibody]****CTCF Mouse mAb****Bioss**
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— DATASHEET —**Host:** Mouse**Isotype:** IgG1, k**Clonality:** Monoclonal**CloneNo.:** G3F32**GeneID:** 10664**SWISS:** P49711**Target:** CTCF**Purification:** affinity purified by Protein 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
MW.:** 83 kDa**Subcellular
Location:** 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