

## CTCF(K344E)

产品名称: CTCF(K344E) 小鼠单抗

货号: 26324

基因符号: CTCF; MRD21

描述: CTCF(K344E) 小鼠单抗

背景: Transcriptional repressor CTCF also known as 11-zinc finger protein or CCCTC-binding factor is a transcription factor that in humans is encoded by the CTCF gene. CTCF is involved in many cellular processes, including transcriptional regulation, insulator activity, recombination and regulation of chromatin architecture.

免疫原: A synthetic peptide from the internal region of CTCF which includes the mutation of K344E, human origin.

经过测试的应用: ELISA, WB, IHC

推荐稀释比:

ELISA: 1:1000-1:5000

WB: 1:500-1:1000

IHC: 1:50-1:100

**Concentration:** 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

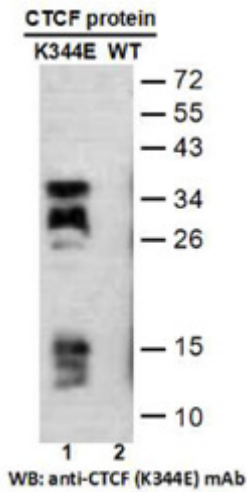
纯化: Purified from ascites

成分: PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes K344E mutant, but not wild type CTCF of vertebrates.

储存条件: Store at -20°C. Avoid repeated freezing and thawing

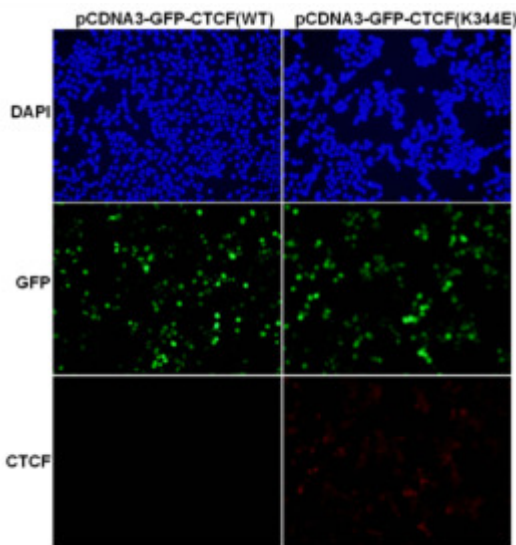
## 蛋白质印迹:



## Western blot analysis of recombinant CTCF (K344E) and wild type proteins.

Purified His-tagged CTCF (K344E) protein (lane 1) and corresponding wild type protein (lane 2) were blotted with Anti-CTCF(K344E) monoclonal antibody (货号:26324).

## Immunofluorescence:



## Immunofluorescence of cells expressing CTCF proteins with Anti-CTCF(K344E) antibody.

HEK293T cells were transfected with pCDNA3-GFP-CTCF (WT) plasmid (left column) or pCDNA3-GFP-CTCF (K344E) plasmid (right column), then fixed and stained with Anti-CTCF(K344E) monoclonal antibody (货号:26324).