Anti-KAP1/TIF1β Antibody (4E1-D12-F8)

CATALOG NO: A1312-100

ALTERNATIVE NAMES: E3 SUMO protein ligase TRIM28; E3 SUMO-protein ligase TRIM28; FLJ29029;KAP 1; KAP-1; KRAB associated protein 1; KRAB interacting protein 1; KRAB-ass ociated protein 1; KRAB-interacting protein 1; KRIP 1; KRIP-1; KRIP1; Nuclear corepressor KAP 1; Nuclear corepressor KAP-1; RING finger protein 96; RNF96; TF1B; TIF1 beta; TIF1-beta; TIF1B; TIF1B_HUMAN; Transcription intermediary factor 1 beta; Transcription intermediary factor 1-beta; TRIM28; Tripartite motif containing 28; tripartite motif containing protein 28; Tripartite motif-containing protein 28.

CLONE: 4E1-D12-F8

AMOUNT: 100 µg

Host/ISOTYPE: Mouse IgG1

IMMUNOGEN: Recombinant human KAP1/TIF1 beta protein fragments expressed in *E.coli*

MOLECULAR WEIGHT: 110 kDa

SPECIES REACTIVITY: Human

SPECIFICITY: This antibody detects endogenous levels of KAP1 / TIF1 beta and does not cross-react with related proteins.

PURIFICATION: Affinity purified

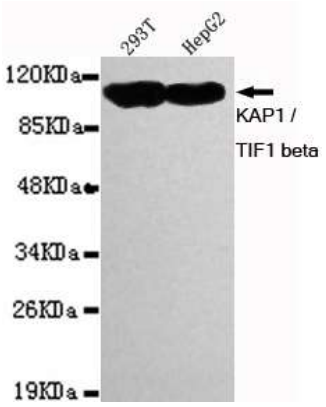
FORM: Liquid

FORMULATION: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol

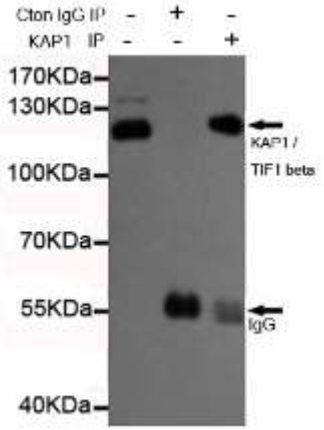
STORAGE CONDITIONS: For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

DESCRIPTION: Transcription intermediary factor 1-beta mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region.

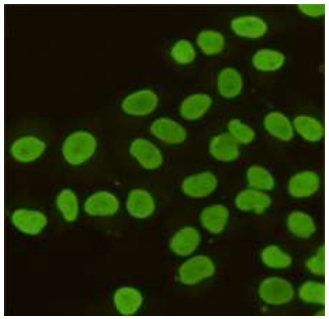
APPLICATION: WB; 1:1000
IF; 1:100
IHC; 1:500- 1:1000
IP
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



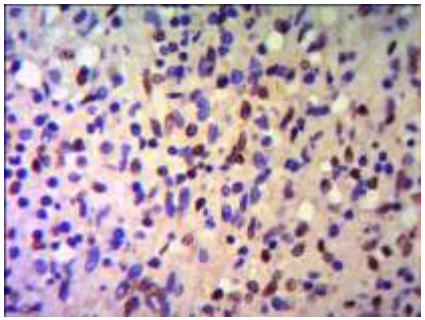
Western blot detection of KAP1 / TIF1 beta in 293T and HepG2 cell lysates using KAP1 / TIF1 beta Antibody (1:1000 diluted)



Immunoprecipitation analysis of HeLa cell lysates using KAP1 / TIF1 beta Antibody



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-KAP1 / TIF1 beta Antibody (dilution 1:100).



IHC of paraffin-embedded human Spleen using anti-KAP1 / TIF1 beta Antibody diluted 1/500-1/1000.

RELATED PRODUCTS:

- 5-hmC polyclonal antibody (rabbit) **(Cat. No. 6830)**
- Acetyl Lysine (Biotin) Antibody **(6125)**
- Acetyl-Histone H2A Antibody **(3653)**
- Anti- c-Myb Antibody **(A1212)**

FOR RESEARCH USE ONLY! Not to be used on humans.