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KAP1/TIF1β Mouse Monoclonal Antibody

Catalog #: EAB21231

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG1	Monoclonal	WB, IP, IHC-P, IF/ICC	89	Human

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IP(Immunoprecipitation)	1:50-200
IHC-P(Immunohistochemistry-Paraffin)	1:100-500
FC(Flow Cytometry)	1:50-200

Product Information

Conjugate	Unconjugate
Specificity	KAP1/TIF1β Mouse Monoclonal Antibody detects endogenous levels of KAP1/TIF1β protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	Q13263
Entrez-Gene ID	10155

Product Descriotion

TIF1β, for transcriptional intermediary factor 1-beta, also designated KAP1(for KRAB-associated protein 1), TF1β and TRIM28 (for tripartif motif-containing 28), is a member of the tripartif motif family characterized by three zinc-binding domains, a RING finger, B-boxes and a coiled-coil domain. Like TIF1α, TIF1β contains both a Cys/His PHD (plant homeodomain) finger and bromodomain that form a cooperative unit required for transcriptional repression. TIF1β mediates transcriptional control by interaction with the Kruppel-associated box (KRAB) repression domain found in many transcription factors and by binding DNA through its zinc finger. The human TIF1β gene maps to human chromosome 19q13.4 and encodes an 835 amino acid nuclear protein.