

## Anti-Phospho-TIF1 beta (Ser824) Antibody (7F183)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7F183
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Phospho-KAP1 (S824) expression in HeLa cell treated with etoposide.
Application:	IP,WB
Recommended	IP: 1:20-1:50; WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human TIF1 beta around the phosphorylation site of S824
Synonyms:	KRAB associated protein 1;Trim28;p-TIF1 beta (S824);Tripartite motif containing 28;RNF96;TIF1B;TIF1 beta (p-S824);TIF1 beta (p-Ser824);TF1B;KAP 1;p-TIF1 beta (Ser824);KRIP1;TIF1 beta

### Research Background

Nuclear corepressor for KRAB domain-containing zinc finger proteins (KRAB-ZFPs). Mediates gene silencing by recruiting CHD3, a subunit of the nucleosome remodeling and deacetylation (NuRD) complex, and SETDB1 [which specifically methylates histone H3 at 'Lys-9' (H3K9me)] to the promoter regions of KRAB target genes. Enhances transcriptional repression by coordinating the increase in H3K9me, the decrease in histone H3 'Lys-9 and 'Lys-14' acetylation (H3K9ac and H3K14ac, respectively) and the disposition of HP1 proteins to silence gene expression.

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