

Product Data Sheet

Purified anti-TIF1 β (KAP-1, TRIM28) Phospho (Ser473)

Catalog # / Size: 644602 / 100 μ l

Clone: Poly6446

Isotype: Rabbit polyclonal

Immunogen: Modified peptide

Reactivity: Human, Mouse

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.

Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 5-10 μ l per 5 ml antibody dilution for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Chikuma S, *et al.* 2012. *Nat. Immunol.* doi: 10.1038/ni.2293. PubMed
2. Zhou XF, *et al.* 2012. *PNAS.* PubMed

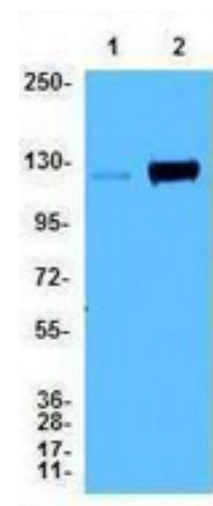
Description: Transcriptional intermediary factors (TIFs) are a group of transcriptional coactivators and corepressors that regulate gene expression by modulating chromatin structure and assembly of transcription initiation complexes. TIF1 beta is a member of the TIF1 subfamily of chromatin-associated TIFs that play a key role in many developmental and physiological processes. Studies using knockout mice reveal the important function of TIF1 β in regulating genomic imprinting, T cell activation, and T cell tolerance.

Antigen References: 1. Abrink, *et al.* 2001. *Proc. Natl. Acad. Sci.* 98:1422.
2. Change, *et al.* 2008. *BMC Mol. Biology* 9:1471.
1. Messerschmidt DM, *et al.* 2012. *Science* 335:1499.
2. Chikuma S, *et al.* 2012. *Nat. Immunol.* 13:596.

Related Products: **Product**
HRP Donkey anti-rabbit IgG (minimal x-reactivity)

Clone
Poly4064

Application
ELISA, IHC, WB



HeLa cell extracts untreated (lane 1) and treated with 10 Gy radiation (lane 2) were resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-TIF1 β Phospho (Ser473) antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.



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