

## Anti-TRIM24 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010630

### Product Information

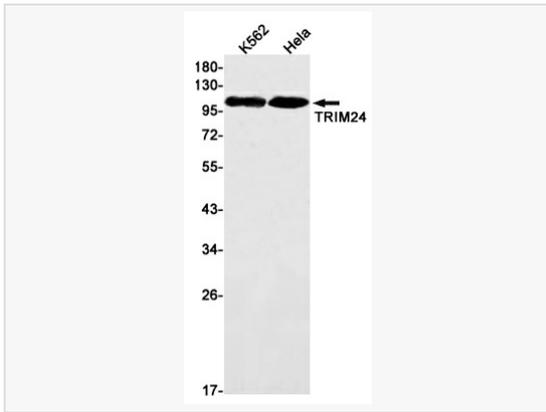
Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	68M10K72
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human TRIM24
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TRIM24 antibody [68M10K72] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	PTC6, TF1A, TIF1, RNF82, TIF1A, hTIF1, TIF1ALPHA.
Calculated MW	Calculated MW: 117 kDa; Observed MW: 117 kDa
Uniprot ID	O15164
Gene ID	8805
Background	Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified at 'Lys-4' (H3K4me0) and acetylated at 'Lys-23' (H3K23ac). Has E3 protein-ubiquitin ligase activity. Promotes ubiquitination and proteasomal degradation of p53/TP53. Plays a role in the regulation of cell proliferation and apoptosis, at least in part via its effects on p53/TP53 levels. Up-regulates ligand-dependent transcription activation by AR, GCR/NR3C1, thyroid hormone receptor (TR) and ESR1. Modulates transcription activation by retinoic acid (RA) receptors, including RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes .

## Validation Images

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Western blot analysis of TRIM24 in K562, HeLa lysates using TRIM24 antibody.