



Anti-TRIM24 monoclonal antibody, clone FQS7213 (DCABH-5929)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to TIF1 alpha
Antigen Description	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.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Clone	FQS7213
Conjugate	Unconjugated
Applications	WB, IHC-P
Positive Control	HeLa, 293T and MCF7 cell lysates. Human colon tissue. Human endometrial carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA, 49%

PBS

Storage

Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name

[Trim24 tripartite motif-containing 24 \[Mus musculus \]](#)

Official Symbol

TRIM24

Synonyms

TRIM24; tripartite motif-containing 24; transcription intermediary factor 1-alpha; TIF1-alpha; tripartite motif protein 24; E3 ubiquitin-protein ligase Trim24; tripartite motif-containing protein 24; transcriptional intermediary factor 1, alpha; TIF1; Tif

Entrez Gene ID

[21848](#)

Protein Refseq

[NP_659542](#)

UniProt ID

[Q64127](#)

Pathway

PluriNetWork, organism-specific biosystem;

Function

DNA binding; chromatin binding; chromatin binding; estrogen response element binding; histone acetyl-lysine binding; ligand-dependent nuclear receptor binding; ligase activity; metal ion binding; p53 binding; p53 binding; protein binding; protein kinase a