

Mouse anti-Human TRIM24/TIF1 alpha Monoclonal Antibody | anti-TRIM24 antibody

TRIM24/TIF1 alpha Mouse Monoclonal Antibody [Clone PCRP-TRIM24-1B12]

CATALOG # AAA216022	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
-------------------------------	----------------------	----------------------------	---

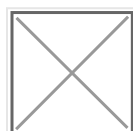
PRODUCT SYNONYMS

TRIM24/TIF1 alpha; Monoclonal Antibody; TRIM24/TIF1 alpha Mouse Monoclonal Antibody [Clone PCRP-TRIM24-1B12]; E3 ubiquitin protein ligase TRIM24; hTIF1; PTC6; RING finger protein 82; RNF82; TF1A; TIF1 alpha; Transcriptional intermediary factor 1 alpha; Tripartite motif-containing protein 24; anti-TRIM24 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1
Clone Number	PCRP-TRIM24-1B12
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-TRIM24 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human TRIM24 protein
Cellular Localization	Nucleus, Cytoplasm, Colocalizes with sites of active transcription
Positive Control	HeLa or K562 cells.
Hu-chromosome Location	7q33
Unigene	490287
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric Analysis of PFA-fixed HeLa cells. TRIM24/TIF1a Mouse Monoclonal Antibody (PCRP-TRIM24-1B12) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM24 antibody	TIF1alpha, also known as TRIM24, mediates transcriptional events by interactions with the AF2 region of several nuclear receptors, such as the estrogen, retinoic acid and vitamin D3 receptors. TIF1alpha localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. TIF1alpha is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains (RING, B-box type 1 and B-box type 2) and a coiled-coil region. The TIF1alpha gene, which maps to human chromosome 7q33, encodes two alternatively spliced transcripts. However, the full length nature of one variant has not been determined. A TIF1alpha homolog (designated bonus) has been identified in Drosophila and is associated with several genes that are implicated in the ecdysone pathway, a nuclear hormone receptor pathway required throughout Drosophila development, suggesting a conserved functional role for the protein throughout the course of evolution.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419909
NCBI GeneID	8805
NCBI Accession #	NP_003843.3
NCBI GenBank Nucleotide #	NM_003852.3
UniProt Accession #	O15164; O95854; A4D1R7; A4D1R8
Molecular Weight	116,831 Da
NCBI Official Full Name	transcription intermediary factor 1-alpha isoform b
NCBI Official Synonym Full Names	tripartite motif containing 24
NCBI Official Symbol	TRIM24
NCBI Official Synonym Symbols	PTC6; TF1A; TIF1; RNF82; TIF1A; hTIF1; TIF1ALPHA
NCBI Protein Information	transcription intermediary factor 1-alpha; TIF1-alpha; RING finger protein 82; tripartite motif-containing 24; E3 ubiquitin-protein ligase TRIM24; transcriptional intermediary factor 1
UniProt Protein Name	Transcription intermediary factor 1-alpha
UniProt Gene Name	TRIM24
UniProt Synonym Gene Names	RNF82; TIF1; TIF1A; TIF1-alpha
UniProt Entry Name	TIF1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/trim24-tif1-alpha-antibody-clone-pcrp-trim24-1b12-immunofluorescence-flow-cytometry-elisa/216022>