TRIM24 / TIF1 alpha Antibody

Mouse Monoclonal Antibody [Clone PCRP-TRIM24-1B12]

Catalog No	Format	Size
8805-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8805-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8805-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

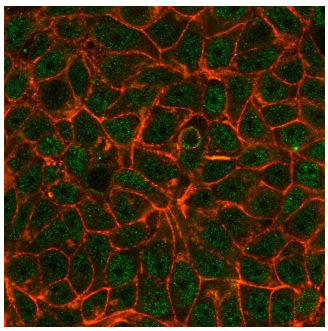
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

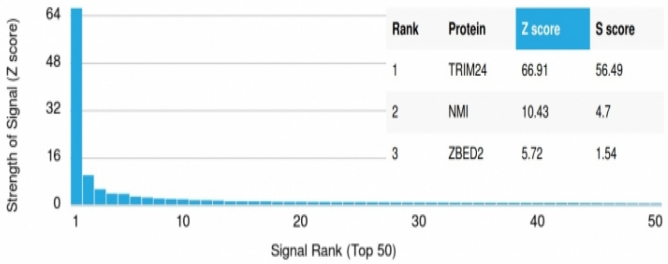
Clone	PCRP-TRIM24-1B12
Gene Name	TRIM24
Immunogen	Recombinant full-length human TRIM24 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	117kDa
Cellular Localization	Cytoplasm, Mitochondrion, Nucleus
Species Reactivity	Human
Positive Control	HeLa or K562 cells.

**Optimal dilution for a specific application should be determined.*

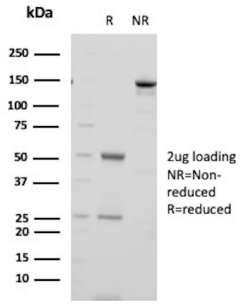
Product Images for TRIM24 / TIF1 alpha Antibody



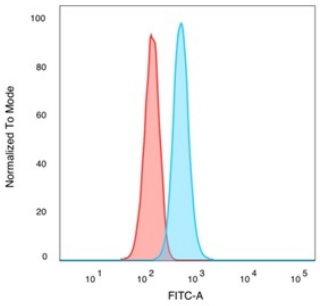
Immunofluorescent Analysis of PFA-fixed MCF7 cells. TRIM24 / TIF1a Mouse Monoclonal Antibody (PCRP-TRIM24-1B12) followed by IgG-CF488 (green), counterstained with phalloidin.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing TRIM24 / TIF1a Mouse Monoclonal Antibody (PCRP-TRIM24-1B12). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE Analysis of Purified Transcription intermediary factor 1-alphaMouse Monoclonal Antibody (PCRP-TRIM24-1B12). Confirmation of Purity and Integrity of Antibody.



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).

Specificity & Comments

TIF1?, 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. TIF1? localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. TIF1? 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 TIF1? 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 TIF1? 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.

Supplied As

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.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Infectious Disease, Nuclear Marker

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.