GTF2IRD2 Antibody

Mouse Monoclonal Antibody [Clone PCRP-GTF2IRD2-1B4]

Catalog No	Format	Size
84163-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
84163-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
84163-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

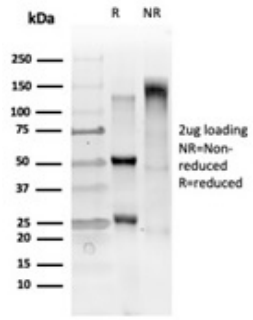
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Western Blot (WB)	2-4ug/ml	

Product Details

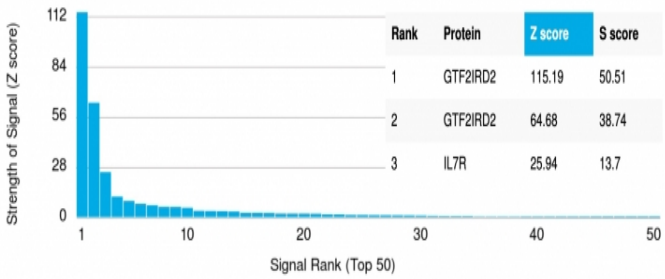
Clone	PCRP-GTF2IRD2-1B4
Gene Name	GTF2IRD2
Immunogen	Recombinant full-length human GTF2IRD2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	107kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa or K562 cells.

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

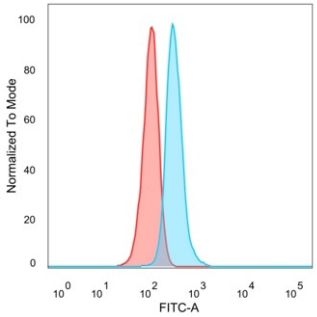
Product Images for GTF2IRD2 Antibody



SDS-PAGE Analysis of Purified GTF2IRD2 Mouse Monoclonal Antibody(PCRP-GTF2IRD2-1B4). Confirmation of Purity and Integrity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing GTF2IRD2 Mouse Monoclonal Antibody (PCRP-GTF2IRD2-1B4). 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.



Flow cytometric analysis of PFA-fixed HeLa cells. GTF2IRD2 Mouse Monoclonal Antibody (PCRP-GTF2IRD2-1B4) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

Specificity & Comments

The TFII-I family contains two highly homologous 949 amino acid proteins, GTF2IRD2 (GTF2I repeat domain containing 2) and GTF2IRD2B (general transcription factor II-I repeat domain-containing protein 2B). Localizing to the nucleus, these proteins are ubiquitously expressed and contain two GTF2I- like repeats. Encoded by a gene mapping to human chromosome 7q11.23, GTF2IRD2 and GTF2IRD2B are located in the Williams-Beuren syndrome (WBS) critical region. The deletion of genes located within this region results in WBS, possibly due to the unequal crossing over of highly homologous low-copy repeat sequences that flank the deleted region. WBS is an autosomal dominant genetic condition that is characterized by physical, cognitive and behavioral traits including facial dysmorphology, vascular stenoses, growth deficiencies, dental anomalies and neurologic and musculoskeletal abnormalities.

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.

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.