

## Mouse anti-Human GTF2IRD2 Monoclonal Antibody | anti-GTF2IRD2 antibody

GTF2IRD2 Mouse Monoclonal Antibody [Clone PCRP-GTF2IRD2-1B12]

|                               |                      |                            |                                                                       |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------------------|
| CATALOG #<br><b>AAA216006</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------------------|

### PRODUCT SYNONYMS

GTF2IRD2; Monoclonal Antibody; GTF2IRD2 Mouse Monoclonal Antibody [Clone PCRP-GTF2IRD2-1B12]; FP630; GTF2IRD2A; GTF2IRD2 alpha; anti-GTF2IRD2 antibody

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Mouse                                                                                                                                                                       |
| Reactivity                                         | Human                                                                                                                                                                       |
| Clonality                                          | Monoclonal                                                                                                                                                                  |
| Isotype                                            | Mouse/IgG2b                                                                                                                                                                 |
| Clone Number                                       | PCRP-GTF2IRD2-1B12                                                                                                                                                          |
| 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<br>OR<br>Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)                                                           |
| Applicable Applications for anti-GTF2IRD2 antibody | WB (Western Blot), FCM/FACS (Flow Cytometry)                                                                                                                                |
| Immunogen                                          | Recombinant full-length human GTF2IRD2 protein                                                                                                                              |
| Cellular Localization                              | Nucleus                                                                                                                                                                     |
| Positive Control                                   | HeLa or K562 cells.                                                                                                                                                         |
| Hu-chromosome Location                             | 7q11.23                                                                                                                                                                     |
| Unigene                                            | 647039                                                                                                                                                                      |
| Preparation and Storage                            | Antibody with azide: store at 2 to 8 degree C<br>Antibody without azide: store at -20 to -80 degree C<br>Antibody is stable for 24 months. Non-hazardous. No MSDS required. |

### IMAGES



#### FCM/FACS (Flow Cytometry)

Flow cytometric analysis of PFA-fixed HeLa cells. GTF2IRD2 Mouse Monoclonal Antibody (PCRP-GTF2IRD2-1B12) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Related Product Information for anti-GTF2IRD2 antibody | 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 dysmorphism, vascular stenoses, growth deficiencies, dental anomalies and neurologic and musculoskeletal abnormalities. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 527122113                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 84163                                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_001268376.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001281447.1                                                                                                                                                                                                                                                  |
| UniProt Accession #              | Q86UP8; Q69G40; Q6EKI8; Q6EKI9; Q6NVW2; Q6P7N8; Q86WX4; Q8ND85; Q8NDE5; A8K5W6; B3KUZ2                                                                                                                                                                          |
| Molecular Weight                 | 107,231 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | general transcription factor II-I repeat domain-containing protein 2A isoform 2                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | GTF2I repeat domain containing 2                                                                                                                                                                                                                                |
| NCBI Official Symbol             | GTF2IRD2                                                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | FP630; GTF2IRD2A; GTF2IRD2 alpha                                                                                                                                                                                                                                |
| NCBI Protein Information         | general transcription factor II-I repeat domain-containing protein 2A; transcription factor GTF2IRD2-alpha; GTF2I repeat domain-containing protein 2A; GTF2I repeat domain-containing protein 2, alpha; general transcription factor II i repeat domain 2 alpha |
| UniProt Protein Name             | General transcription factor II-I repeat domain-containing protein 2A                                                                                                                                                                                           |
| UniProt Gene Name                | GTF2IRD2                                                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | GTF2IRD2A; GTF2I repeat domain-containing protein 2A                                                                                                                                                                                                            |
| UniProt Entry Name               | GTD2A_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gtf2ird2-antibody-clone-pcrp-gtf2ird2-1b12-western-blot-flow-cytometry-elisa/216006>