Mouse anti-Human GTF2IRD1 Monoclonal Antibody | anti-GTF2IRD1 antibody

Mouse monoclonal antibody Anti-Human GTF2IRD1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36322	**Mouse**	**Human**	**Western Blot, Immunoprecipitation, Immunocytochemistry, ELISA**

PRODUCT SYNONYMS

GTF2IRD1; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human GTF2IRD1; GTF2I repeat domain containing 1 (GTF2IRD1); GTF3; RBAP2; CREAM1; MUSTRD1; WBSCR11; WBSCR12; hMusTRD1alpha1; anti-GTF2IRD1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	GTF5I102
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	3471
Applicable Applications for anti-GTF2IRD1 antibody	WB (Western Blot), IP (Immunoprecipitation), ICC (Immunocytochemistry), ELISA
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

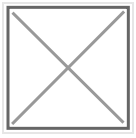
IMAGES

ICC (Immunocytochemistry)
Localization of human GTF2IRD1 in HeLa cells.HeLa cells transiently transfected with the myc-tagged GTF2IRD1 expression vector were fixed and stained with anti- GTF2IRD1 (BMR00190) and Hoechst 33342. Human GTF2IRD1 fluorescence signals were observed exc

IP (Immunoprecipitation)
Immunoprecipitation: RIPA lysate of HeLa cells transfected with vector (lanes 1, 3) or myc-tagged GTF2IRD1 (lanes 2, 4) was incubated with anti-GTF2IRD1 (BMR00190) conjugated with protein G sepharose. Immunocomplex was analyzed by Western blot with anti-mPredicted molecular weight: 106 kDa

WB (Western Blot)
Detection of human GTF2IRD1 by Western blot.Sample: Whole cell lysate was obtained from HeLa cells transiently transfected with vector (lanes 1, 3) or myc-tagged human GTF2IRD1 (lanes 2, 4). Primary antibodies: anti-myc tag (1 ug/ml) (lanes 1, 2) or antPredicted molecular weight: 106 kDa

Quality Control #2
Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control
Western blot analysis of immunized recombinant protein, using anti-GTF2IRD1 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GTF2IRD1 antibody	The protein encoded by this gene contains five GTF2I-like repeats and each repeat possesses a potential helix-loop-helix (HLH) motif. It may have the ability to interact with other HLH-proteins and function as a transcription factor or as a positive transcriptional regulator under the control of Retinoblastoma protein. This gene is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by deletion of multiple genes at 7q11.23. Alternative splicing of this gene generates at least 2 transcript variants. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	312836809
NCBI GeneID	9569
NCBI Accession #	NP_057412.1
NCBI GenBank Nucleotide #	NM_016328
Molecular Weight	107,979 Da
NCBI Official Full Name	Homo sapiens GTF2I repeat domain containing 1 (GTF2IRD1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	GTF2I repeat domain containing 1
NCBI Official Symbol	GTF2IRD1
NCBI Official Synonym Symbols	BEN; WBS; GTF3; RBAP2; CREAM1; MUSTRD1; WBSCR11; WBSCR12; hMusTRD1alpha1
NCBI Protein Information	general transcription factor II-I repeat domain-containing protein 1; USE B1-binding protein; Williams-Beuren syndrome chromosome region 11; binding factor for early enhancer; general transcription factor 3; general transcription factor III; muscle TFII-I repeat domain-containing protein 1 alpha 1; slow-muscle-fiber enhancer-binding protein; williams-Beuren syndrome chromosomal region 12 protein
UniProt Protein Name	General transcription factor II-I repeat domain-containing protein 1
UniProt Gene Name	**GTF2IRD1**
UniProt Entry Name	GT2D1_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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