

Mouse anti-Human GTF2H2/BTF2/TFIIH Monoclonal Antibody | anti-GTF2H2 antibody

GTF2H2/BTF2/TFIIH Basal Transcription Factor Mouse Monoclonal Antibody [Clone PCRP-GTF2H2-1B9]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215693	Mouse	Human	Immunofluorescence, Flow Cytometry, Functional Assay

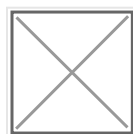
PRODUCT SYNONYMS

GTF2H2/BTF2/TFIIH; Monoclonal Antibody; GTF2H2/BTF2/TFIIH Basal Transcription Factor Mouse Monoclonal Antibody [Clone PCRP-GTF2H2-1B9]; GTF2H2/BTF2/TFIIH Basal Transcription Factor; Basic transcription factor 2 44kDa subunit; BTF2; BTF2-p44; BTF2P44; General transcription factor IIH; polypeptide 2; 44kDa; T-BTF2P44; TFIIH basal transcription factor complex p44 subunit; anti-GTF2H2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1
Clone Number	PCRP-GTF2H2-1B9
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-GTF2H2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human GTF2H2 protein
Cellular Localization	Nucleus
Positive Control	HeLa or MCF7 cells.
Hu-chromosome Location	5q13.2
Unigene	607501
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. GTF2H2 Mouse Monoclonal Antibody (PCRP-GTF2H2-1B9) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-GTF2H2 antibody	Initiation of transcription from protein-coding genes in eukaryotes is a complex process that requires RNA polymerase II, as well as families of basal transcription factors. Binding of the factor TFIID (TBP) to the TATA box is believed to be the first step in the formation of a multiprotein complex containing several additional factors, including TFIIA, TFIIB, TFIIIE, TFIIF and TFII. TFIIF (or BTF2) is a multisubunit transcription/DNA repair factor that possesses several enzymatic activities. The core of TFIIF is composed of five subunits, designated p89 (XPB or ERCC3), p62, p52, p44 and p34. Additional subunits of the TFIIF complex are p80 (XPD or ERCC2) and the ternary kinase complex composed of Cdk7, cyclin H and Mat1. Both p89 and p80 have ATP-dependent helicase activity. The p62, p52 and p44 subunits have been shown to be involved in nucleotide excision repair.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6681762
NCBI GeneID	2966
NCBI Accession #	NP_001506.1
NCBI GenBank Nucleotide #	NM_001515.3
UniProt Accession #	Q13888; Q15570; Q15571; Q9BS41
Molecular Weight	44,419 Da
NCBI Official Full Name	general transcription factor IIH subunit 2
NCBI Official Synonym Full Names	general transcription factor IIH, polypeptide 2, 44kDa
NCBI Official Symbol	GTF2H2
NCBI Official Synonym Symbols	p44; BTF2; TFIIF; BTF2P44; T-BTF2P44
NCBI Protein Information	general transcription factor IIH subunit 2; BTF2 p44; basic transcription factor 2 44 kDa subunit; general transcription factor IIH polypeptide 2; TFIIF basal transcription factor complex p44 subunit; general transcription factor IIH, polypeptide 2, 44kD
UniProt Protein Name	General transcription factor IIH subunit 2
UniProt Gene Name	GTF2H2
UniProt Synonym Gene Names	BTF2P44; BTF2 p44
UniProt Entry Name	TF2H2_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/gtf2h2-btf2-tfiih-antibody-clone-pcrp-gtf2h2-1b9-immunofluorescence-flow-cytometry-elisa/215693>