

Mouse anti-Human GTF2A1 Monoclonal Antibody | anti-GTF2A1 antibody

Mouse monoclonal antibody Anti-Human GTF2A1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36410	Mouse	Human	Dot Blot

PRODUCT SYNONYMS

GTF2A1; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human GTF2A1; Homo sapiens general transcription factor IIA; 1; 19/37kDa (GTF2A1); transcript variant 1; TF2A1; TFIIA; MGC129969; MGC129970; anti-GTF2A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	708C4a
Form/Format	Mouse monoclonal anti-human GTF2A1 antibody in PBS (3.0 mM KCl, 1.5 mM KH ₂ PO ₄ , 140 mM NaCl, 8.0 mM Na ₂ HPO ₄ (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN ₃)
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Applicable Applications for anti-GTF2A1 antibody	DB (Dot Blot)
Immunogen	Recombinant
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.
Disposal	This antibody solution contains sodium azide (NaN ₃) as a preservative. There is a potential hazard that NaN ₃ reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.
Safety warning and precautions	Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water. Do not ingest, inhale, or swallow. Seek medical attention immediately. Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves. It is strongly advised that this product should be handled by people who have been well trained in laboratory techniques and that it is handled with care pursuant to the principles of good laboratory practice. All chemicals are deemed potentially harmful. The vial is prone to fall over. Use caution, especially when the lid is off.
Preparation and Storage	Store at 2-8°C for up to one year. We recommend storing at -20°C for long term storage. Avoid repeat freezing and thawing cycles.

IMAGES



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-GTF2A1 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GTF2A1 antibody	TFIIA is a component of the transcription machinery of RNA polymerase II and plays an important role in transcriptional activation. Interacts with TBP (the TATA-binding protein). [UniProtKB Function]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387763630
NCBI GeneID	2957
NCBI Accession #	NP_056943.1
NCBI GenBank Nucleotide #	NM_015859
Molecular Weight	37,152 Da
NCBI Official Full Name	Homo sapiens general transcription factor IIA, 1, 19/37kDa (GTF2A1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	general transcription factor IIA, 1, 19/37kDa
NCBI Official Symbol	GTF2A1
NCBI Official Synonym Symbols	TF2A1; TFIIA; TFIIAL; TFIIA-42
NCBI Protein Information	transcription initiation factor IIA subunit 1; TFIIA alpha, p55, isoform 1; general transcription factor IIA subunit 1; glucose regulated protein, 58kD pseudogene; transcription initiation factor TFIIA 42 kDa subunit
UniProt Protein Name	Transcription initiation factor IIA subunit 1
UniProt Gene Name	GTF2A1
UniProt Entry Name	TF2AA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/gtf2a1-antibody-clone-708c4a-dot-blot-elisa/36410>