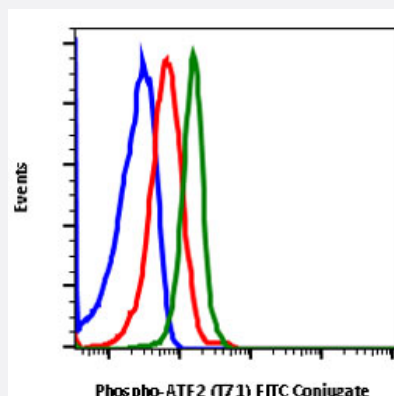


ATF2 (phospho T71) monoclonal antibody, clone G3 (FITC)

Catalog # MAB18801 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of Jurkat cells with ATF2 (phospho T71) monoclonal antibody, clone G3 (FITC) (Cat # MAB18801). Secondary antibody only negative control (blue) or untreated (red) or treated with anisomycin (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human ATF2.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding T71 of human ATF2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — ATF2

Entrez GeneID

[1386](#)

Gene Name

ATF2

Gene Alias

CRE-BP1, CREB2, HB16, MGC111558, TREB7

Gene Description

activating transcription factor 2

Omim ID

[123811](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. The protein forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent transcription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. Additional transcript variants have been identified but their biological validity has not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000163262|activating transcription factor 2 splice variant ATF2-var2|cAMP responsive element binding protein 2, formerly

Pathway

- [MAPK signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)