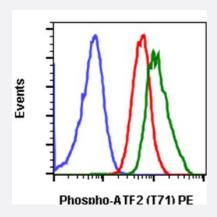


 $\textbf{RecomAb}^{\text{\tiny{TM}}}$

ATF2 recombinant monoclonal antibody, clone ATF2T71-G3 (PE)

Catalog # RAB02906 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of Jurkat cells secondary antibody only negative control (blue) or untreated (red) or treated with anisomycin (green) using Phospho-ATF-2 (Thr71) PE conjugated antibody ATF2T71-G3.

Specification	
Product Description	Rabbit recombinant monoclonal antibody raised against human ATF2.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Thr71 of human phospho ATF2
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A purification, Protein G purification
Isotype	lgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	1X PBS, 0.09% Sodium azide, 0.2% BSA



Product Information

Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

Flow Cytometry

Flow cytometric analysis of Jurkat cells secondary antibody only negative control (blue) or untreated (red) or treated with anisomycin (green) using Phospho-ATF-2 (Thr71) PE conjugated antibody ATF2T71-G3.

Gene Info — ATF2	
Entrez GenelD	<u>1386</u>
Protein Accession#	P15366
Gene Name	ATF2
Gene Alias	CRE-BP1, CREB2, HB16, MGC111558, TREB7
Gene Description	activating transcription factor 2
Omim ID	<u>123811</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA bin ding proteins. This protein binds to the cAMP-responsive element (CRE), an octameric palindrom e. The protein forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent tran scription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histone s H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate tran scription by direct effects on chromatin components. Additional transcript variants have been iden tified but their biological validity has not been determined. [provided by RefSeq
Other Designations	OTTHUMP00000163262 activating transcription factor 2 splice variant ATF2-var2 cAMP respons ive 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