

**ARG10561**  
anti-CREB antibody [A17-A] (FITC)

Package: 50 tests

Store at: 4°C

### Summary

Product Description	FITC-conjugated Rabbit Monoclonal antibody [A17-A] recognizes CREB
Tested Reactivity	Hu
Tested Application	FACS
Host	Rabbit
Clonality	Monoclonal
Clone	A17-A
Isotype	IgG
Target Name	CREB
Antigen Species	Human
Conjugation	FITC
Alternate Names	Cyclic AMP-responsive element-binding protein 1; CREB; CREB-1; cAMP-responsive element-binding protein 1

### Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	37 kDa	

### Properties

Form	Liquid
Buffer	Aqueous buffer solution, 0.05% Sodium azide and 10 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	10 mg/ml BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

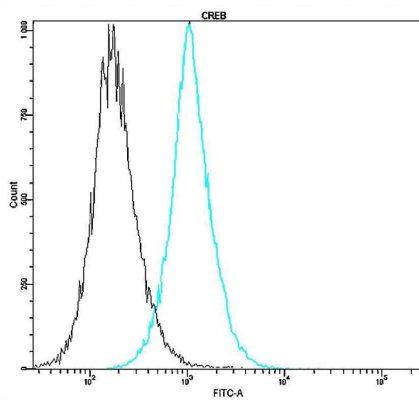
### Bioinformation

Database links	<a href="#">GeneID: 1385 Human</a>
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Gene Symbol	CREB1
Gene Full Name	cAMP responsive element binding protein 1
Background	CREB is a transcription factor. It is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]
Function	CREB is a phosphorylation-dependent transcription factor. It stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells. [UniProt]

## Images

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ARG10561 anti-CREB antibody [A17-A] (FITC) FACS image

Flow Cytometry: Human IMR32 cells were fixed, permeabilized and stained with ARG10561 anti-CREB antibody [A17-A] (FITC) (blue, 10  $\mu$ l per test) or with an isotype control (black).