

ARG10560 anti-c-Fos antibody [H15-S] (FITC)

Package: 50 tests

Store at: 4°C

Summary

Product Description	FITC-conjugated Rabbit Monoclonal antibody [H15-S] recognizes c-Fos
Tested Reactivity	Hu
Tested Application	FACS
Host	Rabbit
Clonality	Monoclonal
Clone	H15-S
Isotype	IgG
Target Name	c-Fos
Antigen Species	Human
Conjugation	FITC
Alternate Names	Proto-oncogene c-Fos; C-FOS; AP-1; Cellular oncogene fos; p55; G0/G1 switch regulatory protein 7

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	41 kDa	

Properties

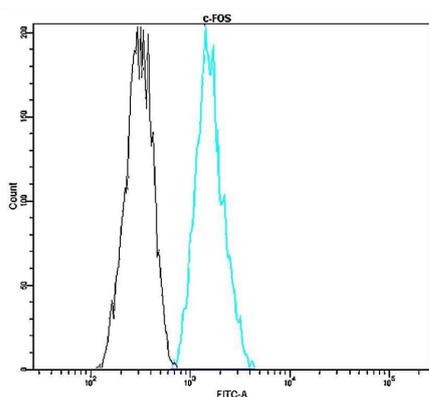
Form	Liquid
Buffer	Aqueous buffer solution, 0.05% Sodium azide and 10 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	10 mg/ml BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial 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	GeneID: 2353 Human
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Gene Symbol	FOS
Gene Full Name	FBJ murine osteosarcoma viral oncogene homolog
Background	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [provided by RefSeq, Jul 2008]
Function	Nuclear phosphoprotein which forms a tight but non-covalently linked complex with the JUN/AP-1 transcription factor. In the heterodimer, FOS and JUN/AP-1 basic regions each seems to interact with symmetrical DNA half sites. On TGF-beta activation, forms a multimeric SMAD3/SMAD4/JUN/FOS complex at the AP1/SMAD-binding site to regulate TGF-beta-mediated signaling. Has a critical function in regulating the development of cells destined to form and maintain the skeleton. It is thought to have an important role in signal transduction, cell proliferation and differentiation. In growing cells, activates phospholipid synthesis, possibly by activating CDS1 and PI4K2A. This activity requires Tyr-dephosphorylation and association with the endoplasmic reticulum. [UniProt]
Research Area	Cancer antibody; Gene Regulation antibody; Neuroscience antibody; AP-1 early response transcription factor study antibody

Images



ARG10560 anti-c-Fos antibody [H15-S] (FITC) FACS image

Flow Cytometry: Peripheral blood lymphocytes of healthy patient were fixed, permeabilized and stained with ARG10560 anti-c-Fos antibody [H15-S] (FITC) (blue, 10 μ l per test) or with an isotype control (black).