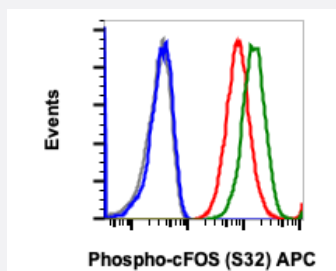


FOS (phospho S32) monoclonal antibody, clone BA9 (APC)

Catalog # MAB23545 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of HEK293T cells with FOS (phospho S32) monoclonal antibody, clone BA9 (APC) (Cat # MAB23545). Unstained as negative control (blue) or untreated (red) or treated with UV+TPA (green). Isotype Control #2144 for cells untreated (black) or treated with UV+TPA (blue).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human FOS.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S32 of human Fos.
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	APC
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

- Flow Cytometry

Flow cytometric analysis of HEK293T cells with FOS (phospho S32) monoclonal antibody, clone BA9 (APC) (Cat # MAB23545). Unstained as negative control (blue) or untreated (red) or treated with UV+TPA (green). Isotype Control #2144 for cells untreated (black) or treated with UV+TPA (blue).

Gene Info — FOS

Entrez GeneID	2353
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Protein Accession#	P01100
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Gene Name	FOS
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Gene Alias	AP-1, C-FOS
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Gene Description	v-fos FBJ murine osteosarcoma viral oncogene homolog
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Omim ID	164810
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations	FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS) activator protein 1 cellular oncogene c-fos
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Pathway

- [B cell receptor signaling pathway](#)
- [Colorectal cancer](#)
- [MAPK signaling pathway](#)
- [Pathways in cancer](#)

- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
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- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)