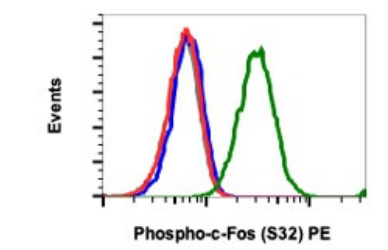
RecomAb™

FOS recombinant monoclonal antibody, clone cFosS32-BA9 (PE)

Catalog # RAB03080 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of 293-HEK cells untreated (red) or treated with UV+TPA (green) using Phospho-c-Fos (Ser32) (BA9) Rabbit mAb (PE Conjugate) cFosS32-BA9, or concentration-matched Rabbit (G9) mAb IgG Isotype Control (PE Conjugate) for cells untreated (black) or treated with UV+TPA (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FOS.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Ser32 of human phospho c-Fos
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% Sodium azide)
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.

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Gene Info — FOS

Entrez GeneID	2353
Protein Accession#	P01100
Gene Name	FOS
Gene Alias	AP-1, C-FOS
Gene Description	v-fos FBJ murine osteosarcoma viral oncogene homolog
Omim ID	164810
Gene Ontology	Hyperlink
Gene Summary	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes enc ode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the t ranscription 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 gen e has also been associated with apoptotic cell death. [provided by RefSeq
Other Designations	FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS)|activator protein 1|cel lular oncogene c-fos

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
- Osteoporosis
- Ovarian Neoplasms
- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Urinary Bladder Neoplasms
- Werner syndrome