

Phospho-c-Fos (Ser32) (BA9) rabbit mAb APC Conjugate

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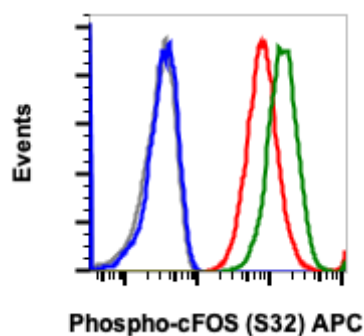
Catalog: #2429

Store at: 2-8°C

For Research Use Only. Not For Use In Diagnostic Procedures.

Applications	Detection	Clonality	Isotype
Flow Cytometry	N/A	Monoclonal	Rabbit IgGk

Format:	APC
Cross Reactivity:	Predicted to work with mouse, rat and other homologues.
Formulation:	1X PBS, 0.09% NaN ₃ , 0.2% BSA
Preparation:	Protein A+G
Reactivity:	Human,Mouse,Rat
Recommended Usage:	For flow cytometric staining, the suggested use of this reagent is 5 µL per million cells or 5 µL per 100 µL of staining volume. It is recommended that the reagent be titrated for optimal performance for each application. See product image legends for additional information.
Immunogen:	A synthetic phospho-peptide corresponding to residues surrounding Ser32 of human phospho c-Fos
Description:	c-FOS belongs to the Fos family of nuclear oncogenes which include Fos B, Fos-related antigen 1 (FRA1), Fos-related antigen 2 (FRA2) in addition to c-Fos (1). Activator Protein-1 (AP-1) is formed upon dimerization of Fos proteins with Jun proteins (c-Jun, Jun B, and JunD) (2,3). AP-1 is considered a transcription factor that binds to TRE/AP-1 elements and activates transcription. ERK5 is involved with c-Fos phosphorylation at Ser32 and Thr232 which increase c-Fos stability and its nuclear translocation.
References:	<ol style="list-style-type: none">1. Dobrazanski, P., et al., (1991) Mol Cell Biol, 11:5470-8.2. Tulchinsky E (2000) Histol Histopathol 15:921-8.3. Kovary K. and Bravo R. (1992) Mol Cell Biol 12:5015-23.



Flow cytometric analysis of 293-HEK cells untreated (red) or treated with UV+TPA (green) using Phospho-c-FOS (Ser32) (BA9) Rabbit mAb (APC Conjugate), cFosS32-BA9 #2429, or concentration-matched Rabbit (G9) mAb IgG Isotype Control (APC Conjugate) #2144 for cells untreated (black) or treated with UV+TPA (blue).