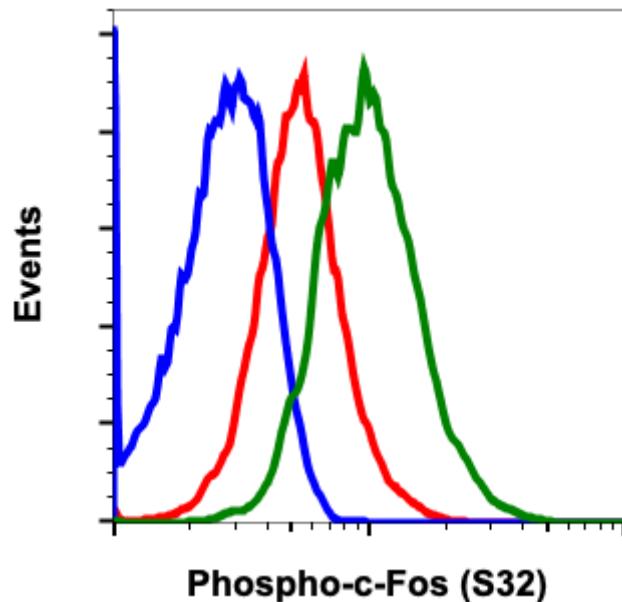


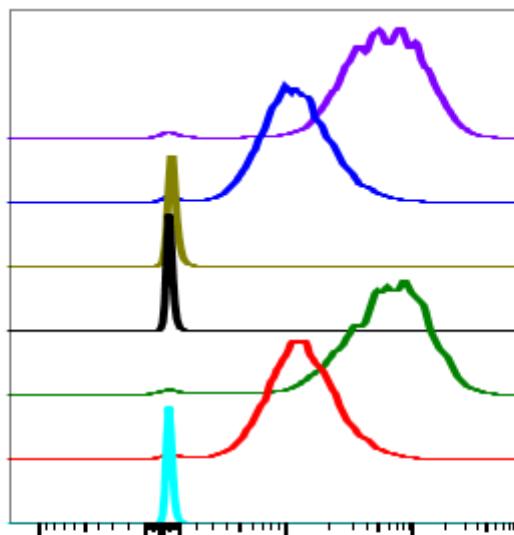
For Research Use Only. Not For Use In Diagnostic Procedures.

Applications	Detection	Clonality	Isotype
Flow Cytometry	Anti-Rabbit IgG	Monoclonal	Rabbit IgGk

<b>Format:</b>	Unconjugated
<b>Cross Reactivity:</b>	Predicted to work with mouse, rat and other homologues.
<b>Formulation:</b>	1X PBS, 0.02% NaN <sub>3</sub> , 50% Glycerol, 0.1% BSA
<b>Preparation:</b>	Protein A+G
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Recommended Usage:</b>	1µg/mL - 0.001µg/mL. It is recommended that the reagent be titrated for optimal performance for each application. See product image legends for additional information.
<b>Immunogen:</b>	A synthetic phospho-peptide corresponding to residues surrounding Ser32 of human phospho c-Fos
<b>Description:</b>	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.
<b>References:</b>	<ol style="list-style-type: none"><li>1. Dobrazanski, P., et al., (1991) Mol Cell Biol, 11:5470-8.</li><li>2. Tulchinsky E (2000) Histol Histopathol 15:921-8.</li><li>3. Kovary K. and Bravo R. (1992) Mol Cell Biol 12:5015-23.</li></ol>

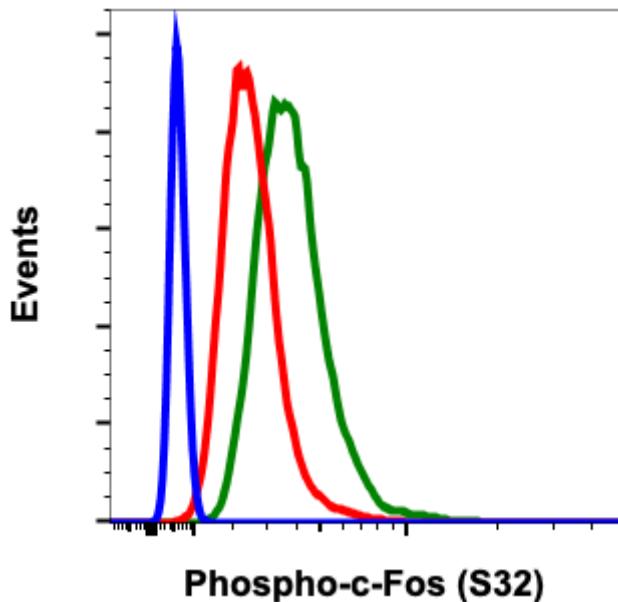


Flow cytometric analysis of HeLa cells, secondary antibody only negative control (blue) or untreated (red) or treated with UV+TPA (green) using Phospho-c-Fos (Ser32) antibody cFosS32-BA9 at 0.001 µg/mL. Cat. #2426.

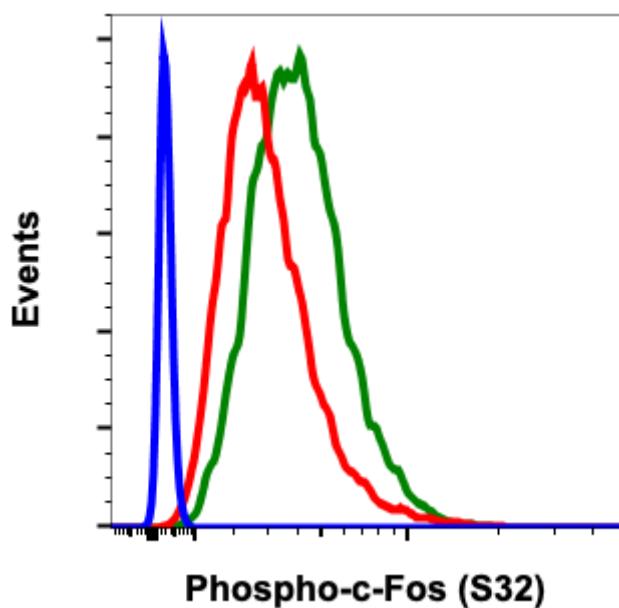


	IgG	Treatment	Peptide Block	Median : BL1-A
<input type="checkbox"/>	BA9	UV TPA	Non-phos.	54076
<input type="checkbox"/>	BA9	Ctrl	Non-phos.	11288
<input type="checkbox"/>	BA9	UV TPA	Phospho.	550
<input type="checkbox"/>	BA9	Ctrl	Phospho.	398
<input type="checkbox"/>	BA9	UV TPA	-	59738
<input type="checkbox"/>	BA9	Ctrl	-	12330
<input type="checkbox"/>	2' only	Ctrl	-	376

Peptide blocking flow cytometric analysis of HeLa cells secondary antibody only negative control (light blue) or untreated (red) or treated with UV + TPA (green) or untreated and blocked with phospho-peptide (black) or treated and blocked with phospho peptide (gold) or untreated and blocked with non-phospho peptide (dark blue) or treated and blocked with non-phospho peptide (purple) using Phospho-c-Fos (Ser32) antibody cFosS32-BA9 at 0.01µg/mL. Cat. #2426.



Flow cytometric analysis of L929 cells, secondary antibody only negative control (blue) or untreated (red) or treated with UV (green) using Phospho-c-Fos (Ser32) antibody cFosS32-BA9 at 0.001  $\mu$ g/mL. Cat. #2426.



Flow cytometric analysis of C6 cells, secondary antibody only negative control (blue) or untreated (red) or treated with UV+TPA (green) using Phospho-c-Fos (Ser32) antibody cFosS32-BA9 at 0.001  $\mu$ g/mL. Cat. #2426.