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34-1033: Polyclonal Antibody to c-Fos(Discontinued)

Clonality :	Polyclonal
Application :	IHC,WB
Reactivity :	Pig,Rat,Mouse,Human,Bovine
Gene :	FOS
Gene ID :	2353
Uniprot ID :	P01100
Format :	Purified
Alternative Name :	Cellular oncogene fos,G0/G1 switch regulatory protein 7
Isotype :	Rabbit, IgG
Immunogen Information :	Full length recombinant human protein expressed in and purified from E. coli.

Product Info

Amount :	100 µl
Content :	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blots: 1:1,000-1:2,000 ICC/IF or IHC: 1:5,000

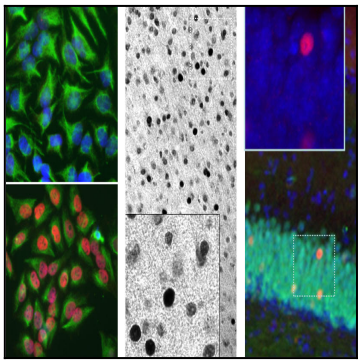

Figure 1: Left: 34-1033 staining (red) in HeLa cells which were treated with serum-starvation for 36 hours, followed by 2 hours, 20% FBS stimulation (bottom panel), or followed by PBS treatment (top panel). Red c-Fos staining only localizes in the nuclei of stimulated cells, but not in un-stimulated cells. Cells were counterstained with our chicken polyclonal antibody against vimentin, 34-1126 (green). Blue shows DAPI staining of nuclear DNA?Middle: Mouse brain section (45 ?M; fixed by transcardial perfusion with 4% paraformaldehyde) labeled with c-Fox-AP using a standard HRP-DAB staining technique. Cells expressing c-Fos appear to be dark. Right: Mouse brain section across hippocampus labeled with 34-1033 (red) and our anti Fox3/NeuN (34-1035) antibody (green) using immuno-fluorescent microscopy. Neurons positive for c-Fos and Fox3/NeuN appear to be yellow. Inset shows an enlarged image of 34-1033 staining. Nuclei are labeled with Dapi (blue). For more images of stimulated and non-stimulated cells and tissues stained with 34-1033 and our monoclonal antibody to c-Fos, 34-1032 press here.

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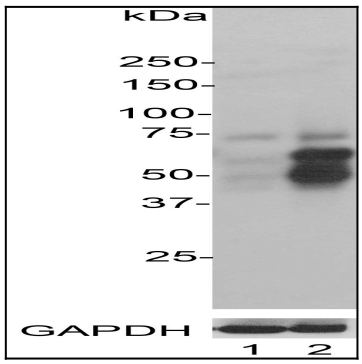

Figure 2: Top panel : Western blot analysis of c-Fos expression HeLa cells with 34-1033 . 1: HeLa cells were serum-starved for 36 hours?2: Serum-starved HeLa cells were stimulated with 20% FBS (fetal bovine serum) for 2 hours?34-1033 recognizes bands with apparent molecular weight of 50-65 kDa, representing multiple forms of the c-Fos protein. These bands appear in serum stimulated cells and are absent in serum-starved HeLa cells. Bottom panel: Blot was stripped and probed with monoclonal antibody against GAPDH: 34-1047 , used as loading control.