

## Anti-FOS Antibody (6V247)

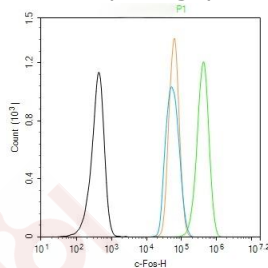
### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 41 kDa.
Clone:	6V247
Purification:	Protein A purified

### Applications

#### Verified Activity:

The HeLa (treated with 200 nM PMA for 4 hours)(H) cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at room temperature). Primary Antibody (green): Rabbit Anti-c-Fos antibody (TMAB-00701): 1 µg/10<sup>6</sup> cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC: 1 µg/test. Isotype Control (orange): Rabbit IgG. Blank control (black): PBS.



Application:	FCM
Recommended	FCM: 1ug/Test

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: human c-Fos protein (50-200aa)
Antigen Species:	Human
Gene ID:	2353
Uniprot ID:	P01100
Synonyms:	FBJ murine osteosarcoma viral (v fos) oncogene homolog (oncogene FOS);p55;C FOS;AP 1; G0S7;Cellular oncogene c fos;FBJ Osteosarcoma Virus;Oncogene FOS;Proto-oncogene c-Fos; G0/G1 switch regulatory protein 7;Activator protein 1
Biology Area:	Transcription factors,Oncoproteins,Proto-oncogenes,Leucine Zipper,Soma marker

### Research Background

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, Jul 2008].

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