## bsm-52034R

## [ Primary Antibody ]

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# c-Fos Recombinant Rabbit mAb

DATASHEET -

Host: Rabbit Isotype: IgG Clonality: Recombinant CloneNo.: 13B5 **GenelD: 2353 SWISS:** P01100

Target: c-Fos

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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].

Applications: Flow-Cyt (lug/Test)

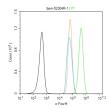
Reactivity: Human (predicted: Mouse,

Rat)

Predicted 41 kDa MW.:

Subcellular Location: Cytoplasm ,Nucleus

### - VALIDATION IMAGES -



The Hela (treated with 200 nM PMA for 4 hours) (H) cells were fixed with 4% PFA (10 min at r.t.) 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 r.t.).Primary Antibody (green):Rabbit Anti- c-Fos antibody (bsm-52034R): 1 μg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (bs-60295G-FITC): 1 µg/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

#### - SELECTED CITATIONS -

• [IF=4.9] Lu Tianming, et al. Cordyceps sinensis relieves non-small cell lung cancer by inhibiting the MAPK pathway. CHIN MED-UK. 2024 Dec;19(1):1-14 WB; Mouse. 38528546