

## Recombinant c-Fos Monoclonal Antibody

catalog number: **AN301349L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

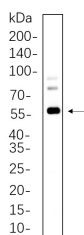
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human;Mouse;Rat   |
| <b>Immunogen</b>    | Recombinant Human c-Fos protein                                 |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG, $\kappa$   |
| <b>Clone</b>        | B1116   |
| <b>Purification</b> | Protein A   |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| <b>WB</b>    | 1:2000-1:10000       |
| <b>IF</b>    | 1:200-1:1000         |
| <b>ELISA</b> | 1:5000-1:20000       |
| <b>IP</b>    | 1:50-1:200           |

### Data



Western Blot with Recombinant c-Fos Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HeLa-TPA cell lysate.

**Observed-MW:55 kDa**

**Calculated-MW:41 kDa**

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag   |

### 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.

### For Research Use Only

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