# Mouse anti-Human FOS Monoclonal Antibody | anti-FOS antibody

Mouse monoclonal antibody Anti-Human FOS

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA36400** | **Mouse** | **Human** | **Immunocytochemistry, Dot Blot** |

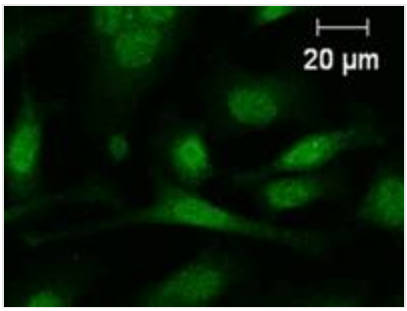
## PRODUCT SYNONYMS

FOS; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human FOS; Homo sapiens v-fos FBJ murine osteosarcoma viral oncogene homolog; c-fos; anti-FOS antibody

## PRODUCT SPECIFICATIONS

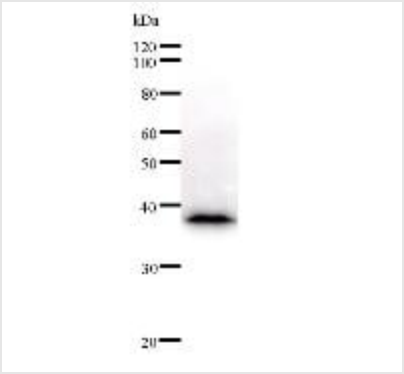
| | |
|---|---|
| **Host** | Mouse |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Clone Number** | 554C1a |
| **Concentration** | 100 ug/ml (1.0 ml) (varies by lot) |
| **Sequence Length** | 1814 |
| **Applicable Applications for anti-FOS antibody** | ICC (Immunocytochemistry), DB (Dot Blot) |
| **Preparation** | This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum. |
| **Sterility** | Filtered through a 0.22 um membrane. |

## IMAGES




**ICC (Immunocytochemistry)**
Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-FOS mAb. [Lot No. 554C1a-1]

**Quality Control #2**
Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.




**Quality Control**
Western blot analysis of immunized recombinant protein, using anti-FOS monoclonal antibody.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-FOS antibody** | 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. [NCBI Entrez Gene Summary] |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 33872858 |
| **NCBI GeneID** | 2353 |
| **Molecular Weight** | 36,301 Da |
| **NCBI Official Full Name** | Homo sapiens v-fos FBJ murine osteosarcoma viral oncogene homolog, mRNA |
| **NCBI Official Synonym Full Names** | FBJ murine osteosarcoma viral oncogene homolog |
| **NCBI Official Symbol** | FOS |
| **NCBI Official Synonym Symbols** | p55; AP-1; C-FOS |
| **NCBI Protein Information** | proto-oncogene c-Fos; FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS); G0/G1 switch regulatory protein 7; activator protein 1; cellular oncogene c-fos |
| **UniProt Protein Name** | Proto-oncogene c-Fos |
| **UniProt Gene Name** | **FOS** |
| **UniProt Entry Name** | FOS_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/monoclonal/fos-antibody-clone-554c1a-immunocytochemistry-dot-blot-elisa/36400