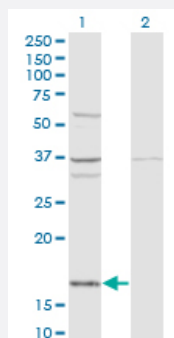


# FAU monoclonal antibody (M03), clone 3C10

Catalog # H00002197-M03

Size 100 ug

## Applications

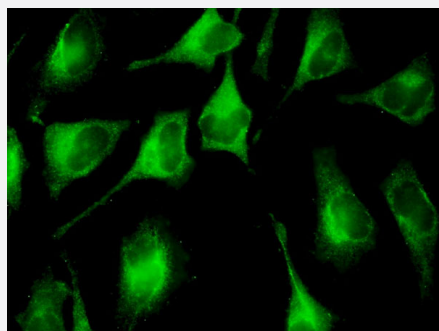


### Western Blot (Transfected lysate)

Western Blot analysis of FAU expression in transfected 293T cell line by FAU monoclonal antibody (M03), clone 3C10.

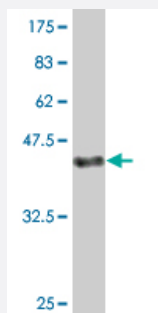
Lane 1: FAU transfected lysate (14.4 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to FAU on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (40.37 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full-length recombinant FAU.

|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen               | FAU (AAH33877, 1 a.a. ~ 133 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                              |
| Sequence                | MQLFVRAQELHTFEVTGQETVAQIKAHVASLEGIAPEDQVVLLAGAPLEDEATLGQCGVEALTTQ<br>EVAGRMLGGKVHGSRLARAGKVRGQTPKVAKQEKKKKKTGRAKRRMQYNRRFVNVVPTFGKKK<br>GPNANS |
| Host                    | Mouse                                                                                                                                          |
| Reactivity              | Human                                                                                                                                          |
| Isotype                 | IgG2a Kappa                                                                                                                                    |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (40.37 KDa) .                                       |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                              |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                       |

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FAU expression in transfected 293T cell line by FAU monoclonal antibody (M03), clone 3C10.

Lane 1: FAU transfected lysate(14.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to FAU on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — FAU

Entrez GeneID [2197](#)

GeneBank Accession# [BC033877](#)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Accession# | <a href="#">AAH33877</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Name          | FAU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Alias         | FAU1, FLJ22986, Fub1, Fubi, MNSFbeta, RPS30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Description   | Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Omim ID            | <a href="#">134690</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Summary       | <p>This gene is the cellular homolog of the fox sequence in the Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV). It encodes a fusion protein consisting of the ubiquitin-like protein fubi at the N terminus and ribosomal protein S30 at the C terminus. It has been proposed that the fusion protein is post-translationally processed to generate free fubi and free ribosomal protein S30. Fubi is a member of the ubiquitin family, and ribosomal protein S30 belongs to the S30E family of ribosomal proteins. Whereas the function of fubi is currently unknown, ribosomal protein S30 is a component of the 40S subunit of the cytoplasmic ribosome. Pseudogenes derived from this gene are present in the genome. Similar to ribosomal protein S30, ribosomal proteins S27a and L40 are synthesized as fusion proteins with ubiquitin. [provided by RefSeq]</p> |
| Other Designations | 40S ribosomal protein S30 FAU-encoded ubiquitin-like protein FBR-MuSV-associated ubiquitously expressed Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived) Monoclonal nonspecific suppressor factor beta ribosomal prote                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Publication Reference

- [Global protein conjugation by ubiquitin-like-modifiers during ischemic stress is regulated by microRNAs and confers robust tolerance to ischemia.](#)

Lee YJ, Johnson KR, Hallenbeck JM.

PLoS One 2012 Oct; 7(10):e47787.

Application: WB-Ti, WB-Tr, Human, I. tridecemlineatus, Brains, SH-SY5Y cells

## Pathway

- [Ribosome](#)