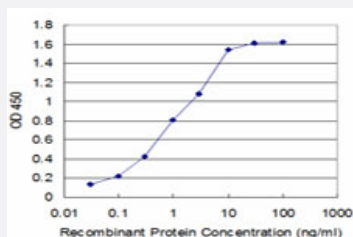


# FADD monoclonal antibody (M04), clone 1E8

Catalog # H00008772-M04

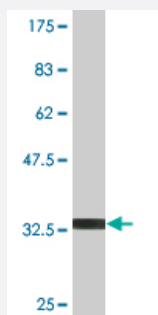
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FADD is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant FADD.

### Immunogen

FADD (AAH00334, 109 a.a. ~ 208 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

GKDWRRRLARQLKVSDTKIDSIEDRYPRNLTERVRESLRWKNTEKENATVAHLVGALRSCQMNLV  
ADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEAS

### Host

Mouse

### Reactivity

Human

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (68); Rat (68)                                                                                     |
| Isotype                       | IgG1 Lambda                                                                                              |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.63 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FADD is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — FADD

|                     |                                           |
|---------------------|-------------------------------------------|
| Entrez GeneID       | <a href="#">8772</a>                      |
| GeneBank Accession# | <a href="#">BC000334</a>                  |
| Protein Accession#  | <a href="#">AAH00334</a>                  |
| Gene Name           | FADD                                      |
| Gene Alias          | GIG3, MGC8528, MORT1                      |
| Gene Description    | Fas (TNFRSF6)-associated via death domain |
| Omim ID             | <a href="#">602457</a>                    |
| Gene Ontology       | <a href="#">Hyperlink</a>                 |

**Gene Summary**

The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq]

**Other Designations**

Fas-associated via death domain|Fas-associating death domain-containing protein|Fas-associating protein with death domain|growth-inhibiting gene 3 protein|mediator of receptor-induced toxicity

## Pathway

- [Apoptosis](#)
- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)