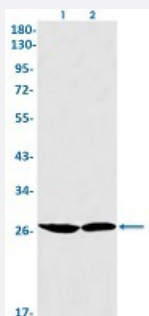


RecomAb™

# FADD recombinant monoclonal antibody, clone R02-1A6

Catalog # RAB02287      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of Lane 1: rat brain and Lane 2: 3T3 lysates with FADD recombinant monoclonal antibody, clone R02-1A6 (Cat # RAB02287).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human FADD.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human FADD.
<b>Theoretical MW (kDa)</b>	Calculated MW: 23 kD
<b>Reactivity</b>	Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

**Storage Instruction**

Store at -20 °C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of Lane 1: rat brain and Lane 2: 3T3 lysates with FADD recombinant monoclonal antibody, clone R02-1A6 (Cat # RAB02287).

- Immunoprecipitation

## Gene Info — FADD

**Entrez GeneID**[8772](#)**Protein Accession#**[Q13158](#)**Gene Name**

FADD

**Gene Alias**

GIG3, MGC8528, MORT1

**Gene Description**

Fas (TNFRSF6)-associated via death domain

**Omim ID**[602457](#)**Gene Ontology**[Hyperlink](#)**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](#)