

FADD Polyclonal Antibody

CATALOG #: 3039-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

IMMUNOGEN: Synthetic peptide surrounding to amino acid 128 of human FADD

FORMULATION:

100 µg (0.2 mg/ml) immunoaffinity purified, rabbit anti-FADD polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

SPECIES REACTIVITY: human, mouse, rat, monkey

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Fas-associating death domain containing protein (FADD), also known as mediator of receptor induced toxicity (MORT1), is a 23 kDa cytosolic protein, with an apparent molecular weight of 28 kDa on SDS-PAGE. The protein is involved in both Fas and TNF-R induced cell death pathway. FADD specifically binds to Fas, an association mediated by their homologous death domains, to initiate the apoptotic signalling cascade. Overexpression of FADD induces apoptosis that can be inhibited by CrmA, a poxvirus protein that blocks both Fas- and TNF-induced cell death.

SPECIFICITY:

The immunoaffinity purified antibody detects an ~28 kDa band, corresponding to the expected molecular mass of FADD on immunoblots. The antibody specificity is confirmed by specific peptide inhibition in immunoblotting studies.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml) and immunoprecipitation. However, the optimal conditions should be determined individually.

NOTE: For Research Use Only! Not to be used in human.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies