

Fas/Apo1 Polyclonal Antibody

CATALOG NO:	3070R-30T	30 µg (Trial size)
	3070R-100	100 µg
HOST:	Rabbit	
SPECIES:	Human, Mouse, Rat	
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acid 32 of mouse Fas (Internal ID# BV-531)	

FORMULATION:

0.5 mg/ml affinity purified polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA, 0.01% thimerosal.

STORAGE CONDITIONS:

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

BACKGROUND DESCRIPTION:

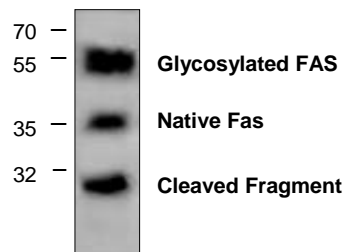
Fas/Apo-1/CD95 is a cell surface type-I membrane glycoprotein that is part of the TNFR family that includes TNFR1, TNFR2, CD27, CD30, and CD40. Binding of Fas-ligand (FasL) to Fas or crosslinking of Fas by anti-Fas antibodies leads to apoptosis in Fas expressing cells. Both Fas and TNF-R contain the 70 amino acids cytoplasmic "death domain" that is responsible for transmitting signal for apoptosis.

SPECIFICITY:

The purified antibody detects a 55 kDa of glycosylated Fas, a 35 kDa native form of Fas and a 29 kDa of cleaved Fas fragment on SDS-PAGE immunoblots.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml) and Immunohistochemistry (10 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat. #3070RBP-50) is available separately.



Cat. #:3070R-100

Western blot analysis of Fas expression with rat kidney tissue lysate.

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

FOR RESEARCH USE ONLY! Not to be used on humans.