

Caspase-8 Monoclonal Antibody

CATALOG #:	3051-100
LOT #:	_____
HOST:	Mouse
ISOTYPE:	IgG ₁
CLONE:	C51S
IMMUNOGEN:	Human Caspase-8
SPECIES REACTIVITY:	human

ANTIBODY FORMULATION:

100 µg (200 µg/ml) affinity purified antibody in PBS containing 50% glycerol, 0.5 mg/ml BSA, and 0.02% thimerosal.

STORAGE CONDITIONS:

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

DESCRIPTION:

Caspase-8/FLICE is a 55 kDa cytosolic protein that is a member of the Fas/APO-1/CD95 death-inducing signaling complex. Activation of caspase-8 involves a two-step proteolysis: the cleavage of caspase-8 to generate a 43 and a 12 kDa fragment which is further processed to 10 kDa. The p43 is then cleaved to yield p26 and the release of the active site containing p18.

SPECIFICITY:

This antibody detects procaspase-8 (55-57 kDa), intermediate cleavage fragment (41/43 kDa) and cleaved large subunit of active caspase-8 (18 kDa).

APPLICATIONS AND USAGE:

Western blot analysis (0.5-4 µg/ml) and immunoprecipitation (10-20 µg/ml). However, the optimal conditions should be determined individually.

Note: For Research Use Only! Not to be used in humans.

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