CREATIVE BIOMART®
Assay Kit

Fluorescein Active Caspase-2 Staining Kit

Product Information

Cat

Kit-2386

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Product Overview

Activation of caspases plays a central role in apoptosis. The CaspGLOW;Fluorescein Active Caspase-2 Staining Kit provides a convenient means for sensitive detection of activated caspase-2 in; Living cells. The assay utilizes the caspase-2 inhibitor, VDVAD-FMK, conjugated to FITC (FITC-VDVAD-FMK) as a marker. FITC-VDVAD-FMK is cell permeable, nontoxic, and irreversibly binds to activated caspase-2 in apoptotic cells.

Applications

Sensitive detection of activated caspase-2 in living cells.

Storage

-20°C

Shipping

Gel Pack

Kit Components

FITC-ATAD-FMK; Wash Buffer; Z-VAD-FMK

Target Species

Mammalian

Detection method Fluorescence microscopy, Flow cytometry and fluorescence plate reader (Ex. = 485 nm and Em. = 535 nm)

Features & Benefits

Simple one-step procedure; takes only 1-2 hours; Fast and convenient; The FITC label allows for direct detection of the activated caspases in apoptotic cells

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