CREATIVE BIOMART®
Assay Kit

Red Active Caspase-3 Staining Kit

Product Information

Cat

Kit-2372

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Product Overview

Activation of caspases plays a central role in apoptosis. The Red Active Caspase-3 Staining Kit provides a convenient means for detecting activated caspase-3 in; Living cells. The assay utilizes the caspase-3 inhibitor DEVD-FMK conjugated to sulfo-rhodamine (Red-DEVD-FMK) as the fluorescent in situ marker. Red-DEVD-FMK is cell permeable, nontoxic, and irreversibly binds to activated caspase-3 in apoptotic cells.

Applications

Detection of activated caspase-3 in living cells.

Storage

-20°C

Shipping

Gel Pack

Kit Components

Red-VAD-FMK; Wash Buffer; Z-VAD-FMK

Target Species

Mammalian

Detection method Fluorescence microscopy, fluorescence plate reader(Ex/Em = 540/570 nm) and Flow cytometry

Features & Benefits

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

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