CREATIVE BIOMART®
Assay Kit

Red Active Caspase-9 Staining Kit

Product Information

Cat

Kit-2374

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Product Overview

Activation of caspases plays a central role in apoptosis. The Red Active Caspase-9 Staining Kit provides a convenient means for detecting activated caspase-9 in; Living cells. The assay utilizes a caspase-9 inhibitor LEHD-FMK conjugated to sulfo-rhodamine (Red-LEHD-FMK) as the fluorescent marker. Red-LEHD-FMK is cell permeable, nontoxic, and irreversibly binds to activated caspase-9 in apoptotic cells.

Applications

Detection of activated caspase-9 in living cells.

Storage

-20°C

Shipping

Gel Pack

Kit Components

Red-LEHD-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 fluorescence label allows detection of activated caspase-8 in apoptotic cells

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA