



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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(FOR RESEARCH USE ONLY. DO NOT USE IT IN CLINICAL DIAGNOSIS !)

Annexin V-FITC Azide-Free Lyophilized Powder

Catalog No: E-CK-A111U

Sizes: 25 µg / 50 µg / 100 µg/ 200 µg

Cat.	Products	25 µg	50 µg	100 µg	200 µg	Storage
E-CK-A111U	Annexin V-FITC Azide-Free Lyophilized Powder	25 µg	25 µg × 2	100 µg	100 µg × 2	-20 °C
Manual				One Copy		

This manual must be read attentively and completely before using this product.

If you have any problems, please contact our Technical Service Center for help.

Phone: 240-252-7368(USA) Fax: 240-252-7376(USA)

Email: techsupport@elabscience.com

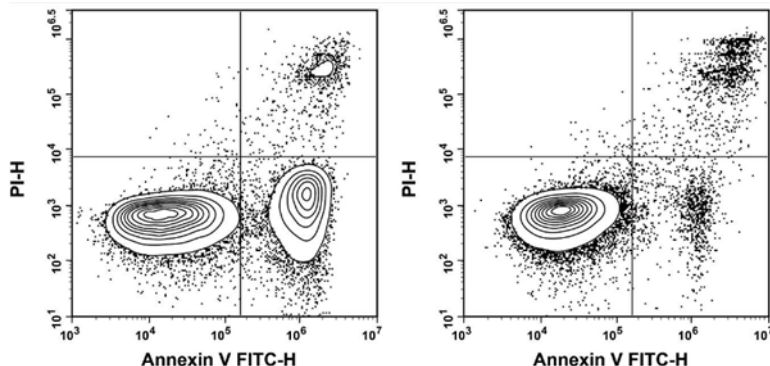
Website: www.elabscience.com

Please kindly provide us the lot number (on the outside of the box) of the kit for more efficient service.

Introduction

Elabscience® Annexin V-FITC Azide-Free Lyophilized Powder is developed for long-term storage and user-defined concentrations of FITC-conjugated Annexin V. It contains no preservatives like azides or Proclin. Annexin V is a member of the annexin family, which binds to phosphatidylserine (PS) in a calcium-dependent manner. The FITC-conjugated format of this protein, Annexin V-FITC, binds specifically to the PS displayed on the outer leaflet of apoptotic cell membrane. The signal of Annexin V-FITC can be collected with flow cytometry or fluorescence microscopy to detect cell apoptosis.

Jurkat cells were treated with 5 μ M Camptothecin and detected with this reagent and PI.



Jurkat cells were cultured with (Left) or without (Right) 5 μ M Camptothecin for 4 h. Annexin V-FITC single-positive cells were early apoptotic cells, Annexin V-FITC and PI double-positive cells were necrotic or late apoptotic cells, and PI single-positive cells were naked nuclei.

Reconstitution

Reconstitute the reagent with sterile deionized water. Make sure the final concentration is less than 1 mg/ml. (This concentration is high enough for stock solution. In our internal tests, working solutions with 1~2 μ g/mL Annexin V-FITC have best results for flow cytometry.) For example, at least 10 μ l water should be added to 10 μ g Annexin V-FITC. Otherwise, the lyophilized cake may not be thoroughly soaked in water.

Storage

The lyophilized powder is stable for at least two years when stored at -20 $^{\circ}$ C in the dark after arrival.

Cautions

1. For maximal assay performance, this reagent should be used within 12 months. Avoid freeze / thaw cycles.
2. Detect apoptosis as soon as possible after staining to avoid the increase number of apoptosis or necrosis.
3. Avoid extended exposure of the samples to direct light to protect the fluorophores from quenching.
4. For your safety and health, please wear the lab coat and disposable gloves before the experiments.