

Product datasheet

Annexin V/ANXA5-Biotin Apoptosis Staining / Detection Reagent ab14165

Overview

Product name	Annexin V/ANXA5-Biotin Apoptosis Staining / Detection Reagent
Tested applications	Suitable for: FM, Flow Cyt
General notes	Note: For more detailed information view specific protocol .

Properties

Form	Liquid
Storage instructions	Store at +4°C. Do not freeze.
Storage buffer	pH: 7.4 Preservative: 0.02% Thimerosal (merthiolate) Constituents: 0.05% Annexin V-Biotin, 1% BSA, PBS
Function	This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.
Involvement in disease	Pregnancy loss, recurrent, 3
Sequence similarities	Belongs to the annexin family. Contains 4 annexin repeats.
Domain	The [IL]-x-C-x-x-[DE] motif is a proposed target motif for cysteine S-nitrosylation mediated by the iNOS-S100A8/A9 transnitrosylase complex. A pair of annexin repeats may form one binding site for calcium and phospholipid.
Post-translational modifications	S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab14165 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
FM		Use at an assay dependent concentration.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent dilution.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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