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ANNEXIN V UNLABELLED REAGENT

Catalog Number: 210-BV-3A5E Lot no.:

Description: This reagent is useful for the detection of cells undergoing

apoptosis. During apoptosis, phosphatidylserine (PS) is translocated from the cytoplasmic side of the plasma membrane to the cell surface. Annexin V has a strong, Ca²⁺ - dependent affinity for PS and therefore serves as a probe for detecting apoptosis. The unlabelled Annexin V reagent can be conjugated to any tag of choice for the detection or can be used in competition binding experiments with tagged Annexin V

conjugates.

Quantity: 100 μg/0.5 ml

Stability: Annexin V reagent should be stored 4 °C for short term or

at -20 °C for longer term.

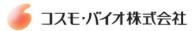
Quality control: The biological activity of Immunokontact's Annexin V reagent

has been tested as follows: apoptosis was induced in Jurkat cells by Human Fas monoclonal antibody (200 ng/ml; clone CH-11) for 8 hours. Functional binding of unlabelled Annexin V to the externalized phosphatidylserine (PS) of the apoptotic cells was determined by competitive binding with Annexin V-FITC (cat no. 210-BV-3A5A or 310-BV-3A5A). Cells were collected by centrifugation, resuspended in 500 µl of 1X Annexin V binding 200-BV-0A5A), and incubated with different buffer (cat no. amounts of unlabelled Annexin V and then with 1 µl of Annexin V-FITC for 10 minutes. As a control, cells were resuspended in 200 μl of 1 x Annexin V binding buffer and incubated with 1 μl of Annexin V-FITC for 10 minutes. When observed under a fluorescence microscope with an FITC filter, the apoptotic cells from the competitive binding assay exhibited dose dependent competition relative to apoptotic cells from the control assay.

Usage: ImmunoKontact's Annexin V reagent is offered for research use.

Not for human use.

For Research Use Only. Not For Diagnostic or Therapeutic Use.



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Conditions: The information disclosed herein is not be construed as a recommendation to use the above product in violation of any patents. ImmunoKontact will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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