

Apoptosis assay in primary cells and tumor cell lines

Evaluation of the effect of a compound on apoptosis in human primary cells and tumor cell lines

- Determination of a compound-mediated induction of apoptosis by measuring membrane translocation of phosphatidylserine (PS) by flow cytometry
- Annexin V has high affinity for PS, and in combination with 7-AminoActinomycin D (7-AAD), a membrane impermeant dye excluded from viable cells, can be used for the detection of early and late apoptosis in primary and tumor cell lines
- Calculation of percentages of early and late apoptosis induced by a compound

Early and late apoptosis determination by flow cytometry analysis

