

Annexin V-ER780 / DAPI Detection Kit

Annexin V-ER780 / DAPI Apoptosis Detection Kit [A280]

CATALOG #
AAA177804

PRODUCT SYNONYMS

Annexin V-ER780 / DAPI; Annexin V-ER780 / DAPI Apoptosis Detection Kit [A280]; Annexin V-ER780 / DAPI detection kit

PRODUCT SPECIFICATIONS

Preparation and Storage

Store at 2–8 degree C for one year. Annexin V-ER780 and DAPI Staining Solution should be stored in the dark.

ADDITIONAL INFORMATION

Related Product Information for Annexin V-ER780 / DAPI detection kit

Annexin V-ER780 / DAPI Cell Apoptosis Detection kit is developed to identify apoptotic and necrotic cells.

Annexin V is a member of the annexin family, which binds to phosphatidylserine (PS) in a calcium-dependent manner. Annexin V-ER780, the ER780-conjugated format, binds specifically to the PS on the outer leaflet of apoptotic cell membrane and can be detected with flow cytometry or fluorescence microscopy.

4',6-Diamidino-2-Phenylindole (DAPI) has a high DNA binding constant and is efficiently excluded by intact cells. It is useful for DNA analysis and dead cell discrimination during flow cytometric analysis. Due to the loss of integrity of membrane, DAPI can enter late apoptotic or necrotic cells to stain DNA. Cells at different apoptotic stages can be distinguished by using Annexin V and DAPI.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/detection-kits/annexin-v-er780-dapi/177804>