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DATASHEET

Annexin V-PE Apoptosis Staining / Detection Kit

Product overview

Name Cat No Biological description Annexin V-PE Apoptosis Staining / Detection Kit

HB8164

Identifies early apoptotic, necrotic and viable cells. One-step staining procedure which detects apoptosis by staining exposed phosphatidylserine (PS) which have translocated to the external cell surface. This allows detection of membrane changes that occur in early apoptotic cells. The kit is able

to differentiate between:

- Apoptotic cells: Stained by Annexin V-PE but not 7-AAD
- Necrotic cells: Stained by both Annexin V-PE and 7-AAD
- Live cells: Stained by neither Annexin V-PE and 7-AAD

This kit contains:

- Annexin V-PE Staining solution
- 7-AAD Staining solution
- 10x binding buffer

Biological action Applications Description

Kit

Cell Culture, FACS and flow cytometry, ICC

Detects apoptosis by staining phosphatidylserine molecules translocated to the outside of the cell

membrane.

Biological Data

Application notes

Please follow this link to a full Annexin V-PE staining protocol

Solubility & Handling

Storage instructions

+4°C

Important

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Excitation 565 nm **Emission** 574 nm

References

fluorescein labelled Annexin V.

Vermes I et al (1995) Journal of immunological methods 184

PubMedID 7622868

Past, present, and future of annexin A5: from protein discovery to clinical applications.

Boersma HH et al (2005) Journal of nuclear medicine: official publication, Society of Nuclear Medicine 46

PubMedID 16330568