

Annexin V-PE/7-AAD Apoptosis Kit

Catalog # KA3809 Size 1 Kit

Applications

Result Data

Result Data

□

Upper: Jurkat cell stained with Annexin V-PE + 7-AAD
Lower: Camptothecin treated Jurkat cell stained with Annexin V-PE + 7-AAD

Specification	
Product Description	Annexin V-PE/7-AAD Apoptosis Kit is used for apoptosis detection.
Suitable Sample	Cell
Detection Method	Fluorimetric
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.
Note	Result Data Result Data Upper: Jurkat cell stained with Annexin V-PE + 7-AAD Lower: Camptothecin treated Jurkat cell stained with Annexin V-PE + 7-AAD

Applications

- Functional Study
- Flow Cytometry

Publication Reference

- [circRNA_0067717 promotes paclitaxel resistance in nasopharyngeal carcinoma by acting as a scaffold for TRIM41 and p53.](#)

Yaxin Cheng, Yuxing Zhu, Mengqing Xiao, Yeyu Zhang, Zhanwang Wang, Haotian Chen, Ke Cao.

Cellular Oncology (Dordrecht) 2023 Jan; [Epub].

Application: Flow Cyt, Human, CNE-1, HNE-2 cells

- [PR11-364P22.2/ATF3 protein interaction mediates IL-1 \$\beta\$ -induced catabolic effects in cartilage tissue and chondrocytes.](#)

Xilei Li, Yusheng Li, Xucheng Yang, Runzhi Liao, Liang Chen, Qulian Guo, Junxiao Yang.

Journal of Cellular and Molecular Medicine 2021 May; 25(13):6188.

Application: Flow Cyt, Human, Human chondrocytes, SW1353 cells

- [The Long Non-coding RNA TMPO-AS1 Promotes Bladder Cancer Growth and Progression via OTUB1-Induced E2F1 Deubiquitination.](#)

Yeyu Zhang, Yuxing Zhu, Mengqing Xiao, Yaxin Cheng, Dong He, Jianye Liu, Liang Xiang, Lian Gong, Zhanwang Wang, Liping Deng, Ke Cao.

Frontiers in Oncology 2021 Mar; 11:643163.

Application: Flow Cyt, Human, T24, RT4 cells

- [Long non-coding RNA FOXD1-AS1 promotes the progression and glycolysis of nasopharyngeal carcinoma by sustaining FOXD1 expression.](#)

Zhanwang Wang, Yaxin Cheng, Yuxing Zhu, Xueying Hu, Yi Jin, Lian Gong, Mengqing Xiao, Liang Xiang, Qinghai Zeng, Jianye Liu, Xingyu Chen, Yeyu Zhang, Xiaoming Liu, Liping Deng, Dong He, Ke Cao.

American Journal of Cancer Research 2020 Nov; 10(11):3686.

Application: Flow Cyt, Human, 5-8F, CNE-1 cells

- [Artesunate, as a HSP70 ATPase activity inhibitor, induces apoptosis in breast cancer cells.](#)

Masoud Pirali, Maryam Taheri, Sevda Zarei, Mashad Majidi, Hossein Ghafouri.

International Journal of Biological Macromolecules 2020 Dec; 164:3369.

Application: Flow Cyt, Human, Mouse, 4T1, MCF-7 cells

- [LINC00669 insulates the JAK/STAT suppressor SOCS1 to promote nasopharyngeal cancer cell proliferation and invasion.](#)

Xiang Qing, Guo-Lin Tan, Huo-Wang Liu, Wei Li, Jin-Gang Ai, Shan-Shan Xiong, Meng-Qing Yang, Tian-Sheng Wang.

Journal of Experimental & Clinical Cancer Research 2020 Aug; 39(1):166.

Application: Flow Cyt, Human, 5-8F, CNE-2 cells

- [miR-30-5p-mediated ferroptosis of trophoblasts is implicated in the pathogenesis of preeclampsia.](#)

Heng Zhang, Yue He, Jian-Xia Wang, Ming-Hua Chen, Jian-Juan Xu, Min-Hui Jiang, Ya-Ling Feng, Yan-Fang Gu.

Redox Biology 2020 Jan; 29:101402.

Application: Flow Cyt, Func, Human, HTR-8, TEV-1 cells

- [Spy1, a unique cell cycle regulator, alters viability in ALS motor neurons and cell lines in response to mutant SOD1-induced DNA damage.](#)

Wang XD, Zhu MW, Shan D, Wang SY, Yin X, Yang YQ, Wang TH, Zhang CT, Wang Y, Liang WW, Zhang J, Jiang HZ, Dong GT, Jiang HQ, Qi Y, Feng HL.

DNA Repair 2019 Feb; 74:51.

Application: Flow Cyt, Mouse, NSC34 cells

- [Bystander effects of PC12 cells treated with Pb2+ depend on ROS-mitochondria-dependent apoptotic signaling via gap-junctional intercellular communication.](#)

Guo S, Zhou J, Chen X, Yu Y, Ren M, Hu G, Liu Y, Zou F.

Toxicology Letters 2014 Aug; 229(1):150.

Application: Flow Cyt, Human, PC12 cells