

References for Products 22821 to 22823

1. Ge H, Kong X, Shi L, Hou L, Liu Z, Li P. (2009) Gamma-linolenic acid induces apoptosis and lipid peroxidation in human chronic myelogenous leukemia K562 cells. *Cell Biol Int*, 33, 402.
2. Hyun U, Lee DH, Lee C, Shin CG. (2009) Apoptosis induced by enniatins H and MK1688 isolated from *Fusarium oxysporum* FB1501. *Toxicon*, 53, 723.
3. Qu GQ, Liu X, Zhang YL, Yao D, Ma QM, Yang MY, Zhu WH, Yu S, Luo YB. (2009) Evidence for programmed cell death and activation of specific caspase-like enzymes in the tomato fruit heat stress response. *Planta*, 229, 1269.
4. Elliott A, Reiners JJ, Jr. (2008) Suppression of autophagy enhances the cytotoxicity of the DNA-damaging aromatic amine p-anilinoaniline. *Toxicol Appl Pharmacol*, 232, 169.
5. Han YH, Kim SW, Kim SH, Kim SZ, Park WH. (2008) 2,4-dinitrophenol induces G1 phase arrest and apoptosis in human pulmonary adenocarcinoma Calu-6 cells. *Toxicol In Vitro*, 22, 659.
6. Park C, Moon DO, Ryu CH, Choi B, Lee W, Kim GY, Choi Y. (2008) Beta-sitosterol sensitizes MDA-MB-231 cells to TRAIL-induced apoptosis. *Acta Pharmacol Sin*, 29, 341.
7. Wu KY, Wang HZ, Hong SJ. (2008) Mechanism of mitomycin-induced apoptosis in cultured corneal endothelial cells. *Mol Vis*, 14, 1705.
8. Bidle KD, Haramaty L, Barcelos ERJ, Falkowski P. (2007) Viral activation and recruitment of metacaspases in the unicellular coccolithophore, *Emiliania huxleyi*. *Proc Natl Acad Sci U S A*, 104, 6049.
9. Kuzelova K, Grebenova D, Hrkal Z. (2007) Labeling of apoptotic JURL-MK1 cells by fluorescent caspase-3 inhibitor FAM-DEVD-fmk occurs mainly at site(s) different from caspase-3 active site. *Cytometry A*, 71, 605.
10. Vejux A, Lizard G, Tourneur Y, Riedinger JM, Frouin F, Kahn E. (2007) Effects of caspase inhibitors (z-VAD-fmk, z-VDVAD-fmk) on Nile Red fluorescence pattern in 7-ketocholesterol-treated cells: investigation by flow cytometry and spectral imaging microscopy. *Cytometry A*, 71, 550.
11. Wlodkowic D, Skommer J, Pelkonen J. (2007) Towards an understanding of apoptosis detection by SYTO dyes. *Cytometry A*, 71, 61.
12. Greco NJ, Seetharaman S, Kurtz J, Lee WR, Moroff G. (2006) Evaluation of the reactivity of apoptosis markers before and after cryopreservation in cord blood CD34(+) cells. *Stem Cells Dev*, 15, 124.
13. Lin CC, Kao ST, Chen GW, Ho HC, Chung JG. (2006) Apoptosis of human leukemia HL-60 cells and murine leukemia WEHI-3 cells induced by berberine through the activation of caspase-3. *Anticancer Res*, 26, 227.
14. Wu X, Simone J, Hewgill D, Siegel R, Lipsky PE, He L. (2006) Measurement of two caspase activities simultaneously in living cells by a novel dual FRET fluorescent indicator probe. *Cytometry A*, 69, 477.
15. Kim YH, Shin KJ, Lee TG, Kim E, Lee MS, Ryu SH, Suh PG. (2005) G2 arrest and apoptosis by 2-amino-N-quinoline-8-yl-benzenesulfonamide (QBS), a novel cytotoxic compound. *Biochem Pharmacol*, 69, 1333.
16. Yang JH, Le WD, Basinger SF, Wu SM, Yang CY. (2005) Mechanisms of apoptosis in human retinal pigment epithelium induced by TNF-alpha in conditions of heavy metal ion deficiency. *Invest Ophthalmol Vis Sci*, 46, 1039.
17. Choi JJ, Reich CF, 3rd, Pisetsky DS. (2004) Release of DNA from dead and dying lymphocyte and monocyte cell lines in vitro. *Scand J Immunol*, 60, 159.
18. Johnson ME, Uhl CB, Spittler KH, Wang H, Gores GJ. (2004) Mitochondrial injury and caspase activation by the local anesthetic lidocaine. *Anesthesiology*, 101, 1184.
19. Marchetti C, Gallego MA, Defossez A, Formstecher P, Marchetti P. (2004) Staining of human sperm with fluorochrome-labeled inhibitor of caspases to detect activated caspases: correlation with apoptosis and sperm parameters. *Hum Reprod*, 19, 1127.
20. Naftalin R. (2004) Alterations in colonic barrier function caused by a low sodium diet or ionizing radiation. *J Environ Pathol Toxicol Oncol*, 23, 79.

21. Saito A, Hayashi T, Okuno S, Nishi T, Chan PH. (2004) Modulation of the Omi/HtrA2 signaling pathway after transient focal cerebral ischemia in mouse brains that overexpress SOD1. *Brain Res Mol Brain Res*, 127, 89.
22. Wolbers F, Buijtenhuijs P, Haanen C, Vermes I. (2004) Apoptotic cell death kinetics in vitro depend on the cell types and the inducers used. *Apoptosis*, 9, 385.
23. Akimitsu N, Kamura K, Tone S, Sakaguchi A, Kikuchi A, Hamamoto H, Sekimizu K. (2003) Induction of apoptosis by depletion of DNA topoisomerase IIalpha in mammalian cells. *Biochem Biophys Res Commun*, 307, 301.
24. Dussmann H, Kogel D, Rehm M, Prehn JH. (2003) Mitochondrial membrane permeabilization and superoxide production during apoptosis. A single-cell analysis. *J Biol Chem*, 278, 12645.
25. Kristensen BW, Noer H, Gramsbergen JB, Zimmer J, Noraberg J. (2003) Colchicine induces apoptosis in organotypic hippocampal slice cultures. *Brain Res*, 964, 264.
26. Long H, Han H, Yang B, Wang Z. (2003) Opposite cell density-dependence between spontaneous and oxidative stress-induced apoptosis in mouse fibroblast L-cells. *Cell Physiol Biochem*, 13, 401.
27. Yuyama K, Yamamoto H, Nishizaki I, Kato T, Sora I, Yamamoto T. (2003) Caspase-independent cell death by low concentrations of nitric oxide in PC12 cells: involvement of cytochrome C oxidase inhibition and the production of reactive oxygen species in mitochondria. *J Neurosci Res*, 73, 351.
28. Ching JC, Jones NL, Ceponis PJ, Karmali MA, Sherman PM. (2002) Escherichia coli shiga-like toxins induce apoptosis and cleavage of poly(ADP-ribose) polymerase via in vitro activation of caspases. *Infect Immun*, 70, 4669.
29. Elbaz M, Avni A, Weil M. (2002) Constitutive caspase-like machinery executes programmed cell death in plant cells. *Cell Death Differ*, 9, 726.
30. Grabarek J, Ardelt B, Du L, Darzynkiewicz Z. (2002) Activation of caspases and serine proteases during apoptosis induced by onconase (Ranpirnase). *Exp Cell Res*, 278, 61.
31. Amstad PA, Yu G, Johnson GL, Lee BW, Dhawan S, Phelps DJ. (2001) Detection of caspase activation in situ by fluorochrome-labeled caspase inhibitors. *Biotechniques*, 31, 608.
32. Chae HJ, Kim HR, Kwak YG, Ko JK, Joo CU, Chae SW. (2001) Signal transduction of nitric oxide donor-induced protection in hydrogen peroxide-mediated apoptosis in H9C2 cardiomyoblasts. *Immunopharmacol Immunotoxicol*, 23, 187.
33. Chae HJ, Kim SC, Han KS, Chae SW, An NH, Kim HM, Kim HH, Lee ZH, Kim HR. (2001) Hypoxia induces apoptosis by caspase activation accompanying cytochrome C release from mitochondria in MC3T3E1 osteoblasts. p38 MAPK is related in hypoxia-induced apoptosis. *Immunopharmacol Immunotoxicol*, 23, 133.
34. Kiso T, Usuki Y, Ping X, Fujita K, Taniguchi M. (2001) L-2,5-dihydrophenylalanine, an inducer of cathepsin-dependent apoptosis in human promyelocytic leukemia cells (HL-60). *J Antibiot (Tokyo)*, 54, 810.
35. Li LH, McCarthy P, Hui SW. (2001) High-efficiency electrotransfection of human primary hematopoietic stem cells. *Faseb J*, 15, 586.
36. Loeffler M, Daugas E, Susin SA, Zamzami N, Metivier D, Nieminen AL, Brothers G, Penninger JM, Kroemer G. (2001) Dominant cell death induction by extramitochondrially targeted apoptosis-inducing factor. *Faseb J*, 15, 758.
37. Mlejnek P. (2001) Caspase-3 activity and carbonyl cyanide m-chlorophenylhydrazone-induced apoptosis in HL-60. *Altern Lab Anim*, 29, 243.
38. Smolewski P, Grabarek J, Phelps DJ, Darzynkiewicz Z. (2001) Stathmo-apoptosis: arresting apoptosis by fluorochrome-labeled inhibitor of caspases. *Int J Oncol*, 19, 657.
39. Suen YK, Fung KP, Lee CY, Kong SK. (2001) Gliotoxin induces apoptosis in cultured macrophages via production of reactive oxygen species and cytochrome c release without mitochondrial depolarization. *Free Radic Res*, 35, 1.
40. Andersson M, Sjostrand J, Petersen A, Honarvar AK, Karlsson JO. (2000) Caspase and proteasome activity during staurosporin-induced apoptosis in lens epithelial cells. *Invest Ophthalmol Vis Sci*, 41, 2623.

41. Bedner E, Smolewski P, Amstad P, Darzynkiewicz Z. (2000) Activation of caspases measured in situ by binding of fluorochrome-labeled inhibitors of caspases (FLICA): correlation with DNA fragmentation. *Exp Cell Res*, 259, 308.
42. Coelho D, Holl V, Weltin D, Lacornerie T, Magnenet P, Dufour P, Bischoff P. (2000) Caspase-3-like activity determines the type of cell death following ionizing radiation in MOLT-4 human leukaemia cells. *Br J Cancer*, 83, 642.
43. Kumi-Diaka J, Sanderson NA, Hall A. (2000) The mediating role of caspase-3 protease in the intracellular mechanism of genistein-induced apoptosis in human prostatic carcinoma cell lines, DU145 and LNCaP. *Biol Cell*, 92, 595.
44. Mercie P, Garnier O, Lascoste L, Renard M, Closse C, Durrieu F, Marit G, Boisseau RM, Belloc F. (2000) Homocysteine-thiolactone induces caspase-independent vascular endothelial cell death with apoptotic features. *Apoptosis*, 5, 403.
45. Han B, Toyomasu T, Shinozawa T. (1999) Induction of apoptosis by *Coprinus disseminatus* mycelial culture broth extract in human cervical carcinoma cells. *Cell Struct Funct*, 24, 209.
46. Pan MH, Lin JH, Lin-Shiau SY, Lin JK. (1999) Induction of apoptosis by penta-O-galloyl-beta-D-glucose through activation of caspase-3 in human leukemia HL-60 cells. *Eur J Pharmacol*, 381, 171.
47. Bourteele S, Hausser A, Doppler H, Horn-Muller J, Ropke C, Schwarzmann G, Pfizenmaier K, Muller G. (1998) Tumor necrosis factor induces ceramide oscillations and negatively controls sphingolipid synthases by caspases in apoptotic Kym-1 cells. *J Biol Chem*, 273, 31245.