

Product Datasheet

Autophagy/Cytotoxicity Dual Staining Kit KA1299

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 1

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KA1299**Autophagy/Cytotoxicity Dual Staining Kit**

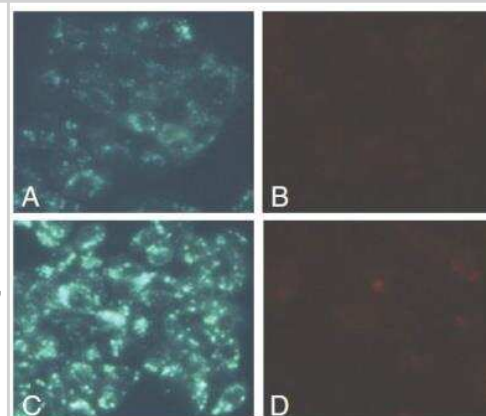
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.

Product Description	
Description	Autophagy/Cytotoxicity Dual Staining Kit is a fluorescence-labeled method for screening autophagy and cytotoxicity at the cellular level.
Species	Insect
Reactivity Notes	Reacts with Frugiperda.
Kit Components	Cell-Based Monodansylcadaverine, Cell-Based Assay Buffer Tablet, Cell-Based Propidium Iodide Solution, Cell-Based Tamoxifen (100 mM)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Suitable Sample Type	Cultured Cells
Sample Volume	5 x 10 ⁴ cells per well. All Treatments conditions should be assayed in duplicate at minimum.

Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Functional

Images

Functional: Autophagy/Cytotoxicity Dual Staining Other Kit [KA1299] - Tamoxifen increases autophagy but not cell death in HepG2 cells as measured by fluorescence microscopy. Panel A : MDC staining of HepG2 cells treated with vehicle. There is a basal level of autophagy, indicated by faint silver dot staining of autophagic vacuoles. Panel B : Propidium iodide staining of HepG2 cells treated with vehicle. There are few dead cells with only background staining of propidium iodide. Panel C : MDC staining of HepG2 cells treated with 10 uM Tamoxifen. Panel D : Propidium iodide staining of HepG2 cells treated with 10 uM Tamoxifen, showing a similar staining pattern to that of cells treated with vehicle

**Publications**

Teng CY, van Oers MM, Wu TY. Additive effect of calreticulin and translation initiation factor eIF4E on secreted protein production in the baculovirus expression system. Appl Microbiol Biotechnol. 2013-10-01 [PMID: 23900798]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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