

Resource Summary Report

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HeLa-Difluo hLC3

RRID:CVCL_A8CA

Type: Cell Line

Proper Citation

InvivoGen Cat# heldf-hlc3, RRID:CVCL_A8CA

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A8CA

Proper Citation: InvivoGen Cat# heldf-hlc3, RRID:CVCL_A8CA

Description: Cell line HeLa-Difluo hLC3 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Human papillomavirus-related endocervical adenocarcinoma

Comments: Characteristics: Stably expresses a RFP-GFP-MAP1LC3B construct (InvivoGen=heldf-hlc3)., Characteristics: Allows monitoring of autophagic flux in real time by detecting the appearance of dual red and green RFP:GFP:LC3 puncta or single red RFP:LC3 puncta by fluorescence microscopy. Early in autophagy, both RFP and GFP signals are detected. As the fusion of the autophagosomes with the lysosomes progresses, the GFP fluorescence diminishes, leaving only the RFP fluorescence visible. The percentages of RFP-GFP positive and of RFP positive cells can be determined and these values can be used to assess autophagic flux (InvivoGen=heldf-hlc3)., Population: African American.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HeLa-Difluo hLC3

Cross References: InvivoGen:heldf-hlc3, Wikidata:Q107115322

ID: CVCL_A8CA

Vendor: InvivoGen

Catalog Number: heldf-hlc3

Hierarchy: cvcl_0030

Record Creation Time: 20250423T100417+0000

Record Last Update: 20260904T021734+0000

Ratings and Alerts

No rating or validation information has been found for HeLa-Difluo hLC3.

No alerts have been found for HeLa-Difluo hLC3.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.