

Resource Summary Report

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RAW-Difluo mLC3

RRID:CVCL_A8CB

Type: Cell Line

Proper Citation

InvivoGen Cat# rawdf-mlc3, RRID:CVCL_A8CB

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A8CB

Proper Citation: InvivoGen Cat# rawdf-mlc3, RRID:CVCL_A8CB

Description: Cell line RAW-Difluo mLC3 is a Cancer cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Disease: Mouse leukemia

Comments: Characteristics: Stably expresses a RFP-GFP-Map1lc3b construct (InvivoGen=rawdf-mlc3)., 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=rawdf-mlc3).

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: RAW-Difluo mLC3

Cross References: InvivoGen:rawdf-mlc3, Wikidata:Q107116715

ID: CVCL_A8CB

Vendor: InvivoGen

Catalog Number: rawdf-mlc3

Hierarchy: cvcl_0493

Record Creation Time: 20250423T102148+0000

Record Last Update: 20260830T002756+0000

Ratings and Alerts

No rating or validation information has been found for RAW-Difluo mLC3.

No alerts have been found for RAW-Difluo mLC3.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.