



Autophagy Dual Staining Assay kit (MDC method)

Autophagy Dual Staining Assay (MDC method) is suitable for autophagy staining of cultured cells, also known as MDC staining solution, can be combined with EB for double staining.

Autophagy is a process in which cells are stimulated to swallow their own cytoplasm or organelles, and finally degrade phagosomes in lysosomes. Autophagosomes are round or elliptical structures covered by a double-layer membrane. Contains cytoplasm, long-lived proteins and abnormal protein aggregates, damaged or redundant organelles such as mitochondria, rough endoplasmic reticulum and microbodies, viruses and bacteria.

Monodansylcadaverine (MDC) is a fluorescent pigment and an eosinophilic stain. It is usually used to detect the formation of autophagosomes with a specific labeling stain. The detection excitation filter has a wavelength of 355nm. The blocking filter has a wavelength of 512nm.

Catalog No.	520102
Size	100 Assays
Product Category	Cell Detection
Kit Components	1. MDC Stain 2. 10x Wash Buffer 3. Collection Buffer
Storage/Stability	-20°C/1 year
Shipping	Gel Packs