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DQ-BSA and BMV109 microscopy

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We use this protocol and it's working

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Abstract

DQ-BSA and BMV109 microscopy for peritoneal macrophages

1 BMV109 Pan Cathepsin probe (Vergent Bioscience) and DQ red BSA (Invitrogen) were added to each well at a final concentration of 1µM and 10µG/mL, respectively, and cells were incubated at
37°C for 1-hour.

Cells were washed 3 x DPBS +/+ and fixed for 10 minutes at room temperature in Invitrogen eBioscience Intracellular Fixation buffer.

Cells were washed 3 x DPBS+/+ and incubated in 1 µg/ml DAPI (Life Technologies) for 10 minutes at room temperature in DPBS+/+.

Cells were imaged using an EVOS M7000 (Invitrogen) at 20 x magnification. Image analysis was performed using Cellprofiler 4.2.5.