

CERTIFICATE OF ANALYSIS

Product: Flow Cytometry (FCM) Assay Kit for S-adenosylhomocysteine (SAH)

Catalog Number: FK00302

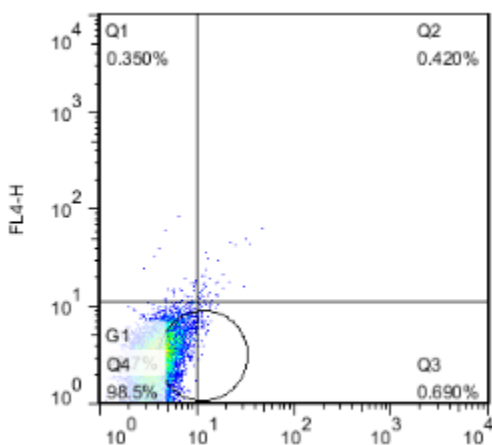
Lot Number: Lot# 480617

AF488-anti-SAH 2 Antibody: Lot# 480616

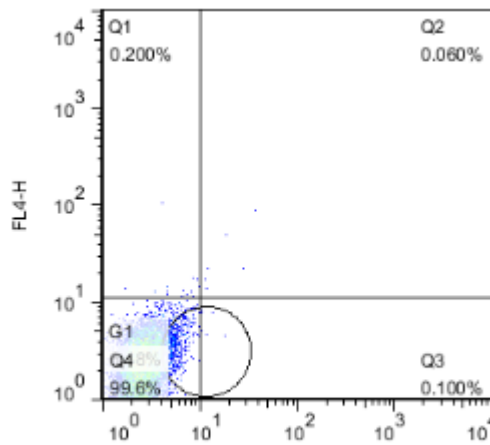
Quality Release Date: March 24, 2016

Components	Specification
AF488-anti-SAH 2 Antibody	Tested Lot # 480616
Antibody Dilution Buffer	Tested Lot # 480617
Nucleus Fix 1	Tested commercial
Nucleus Fix 2	Tested commercial
Cytoplasm Fix	Tested commercial
Permeabilization Buffer (10x)	Tested commercial

Perform FCM per FK00302 instruction with cell lines and antibody concentration as indicated. FACSCalibur Flow Cytometer was used in the analysis.

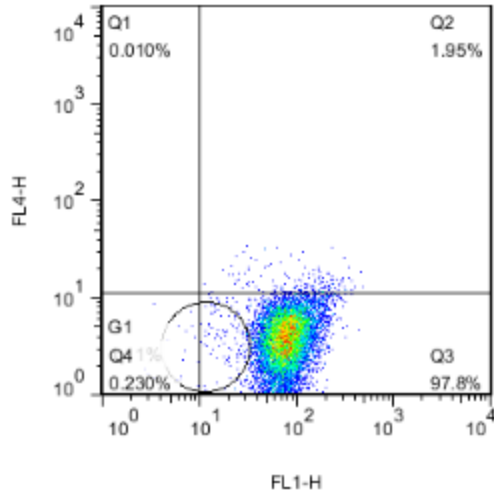


L02 Blank, Nucleus fixation/permeabilization, 24h

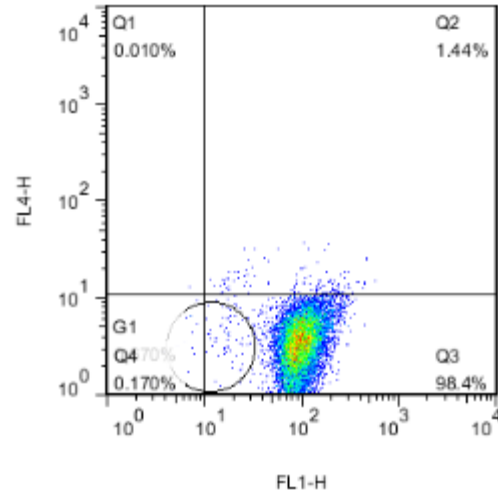


HepG2 Blank, Nucleus fixation/permeabilization, 24h

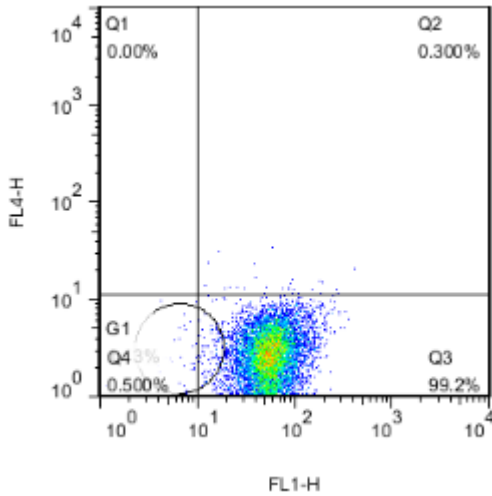
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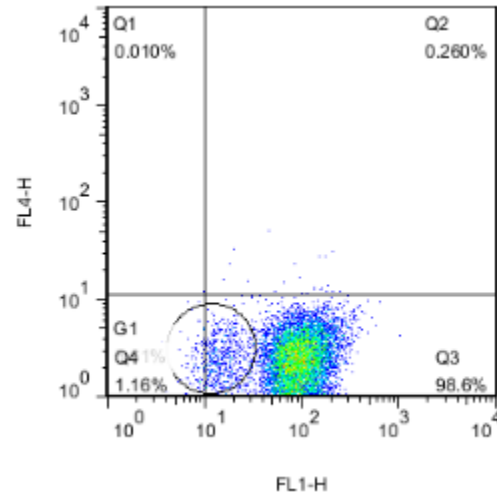
L02, Cytoplasm fixation/permeabilization, 13.6ug/ml



L02, Nucleus fixation/permeabilization, 13.6ug/ml



HepG2, Cytoplasm fixation/permeabilization, 13.6ug/ml



HepG2, Nucleus fixation/permeabilization, 13.6ug/ml

Geometric means of fluorescence for cell lines after cultured for 24h (from separate experiment)

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Group		HepG2		L02	
Antibodies	Conc. (μ g/ml)	CP	NU	CP	NU
AF488-839-6 24h	45 (the kit)		254.78		259.24
AF488-839-6 24h	13.6	47	83.2	69.57	89.56

CP: Cytoplasmic fixation/permeabilization buffer, with which only cytoplasm targets are stained.
 NU: Nuclear fixation/permeabilization buffer, with which both cytoplasm and nucleus targets are stained. Values shown are after blank deduction.

Hemans Chou
 Quality Control Team

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