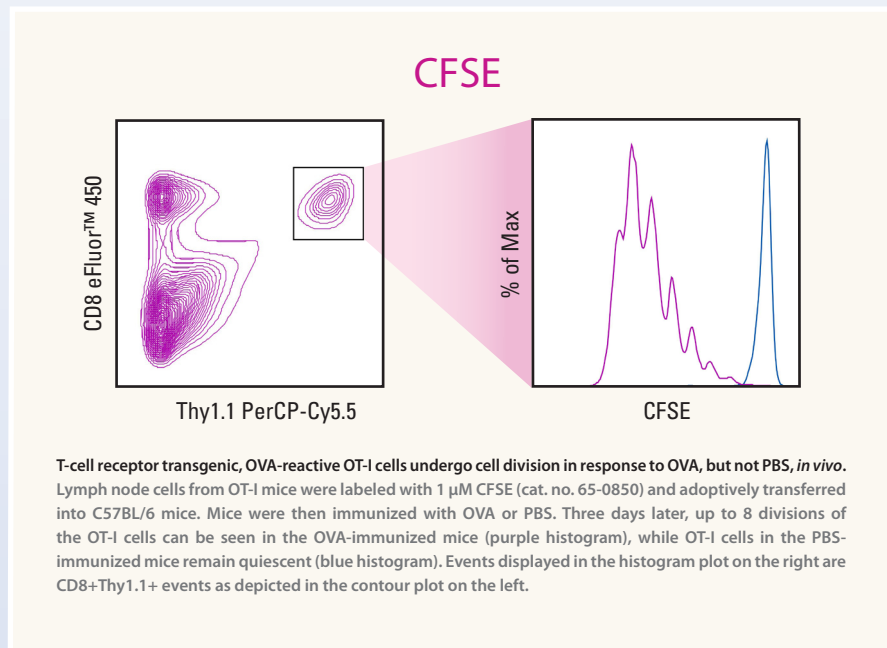


eBioscience is pleased to introduce...

CFSE - Cell Proliferation Dye

Carboxyfluorescein diacetate, succinimidyl ester, also known as CFDA-SE or CFSE, is a membrane-permeable dye that is used in cell proliferation studies and fluorescence microscopy. Upon entry into a living cell, esterases remove the acetate groups resulting in membrane-impermeable CFSE that crosslinks to intracellular proteins. Through the use of flow cytometry, proliferation of the labeled cell sample can be quantitated. With each round of cell division the relative fluorescent intensity decreases by half.



OTHER NEW CELL FUNCTIONAL DYES

FLUORESCENT CELL VIABILITY DYES

- Calcein AM (UltraPure Grade)
- Calcein Blue AM
- Calcein Violet 450 AM
- Propidium Iodide
- 7-AAD

CALCIUM SENSING DYES

- Fura-2 AM
- Indo-1 AM
- eFluor™ 514 Calcium Sensor Dye

MITOCHONDRIAL MEMBRANE POTENTIAL DYE

- JC-1

No more tedious measuring of CFSE powder and loss of precious material!

CFSE from eBioscience comes conveniently packaged for your research needs in a package size of 5 vials of 500 μ g lyophilized CFSE.



NEW CFSE Cell Proliferation Dye

Description	Cat. No.	Application
CFSE [5-(and 6)-Carboxyfluorescein diacetate succinimidyl ester]	65-0850-84	Flow Cytometry, Fluorescence Microscopy

COMPLEMENTARY PRODUCTS

Human Lineage Markers

Specificity	Clone	Cat. No.	Formats																	
			Purified	FG	Biotin	eFluor™ 450	eFluor™ 605 ^{nc}	eFluor™ 625 ^{nc}	eFluor™ 650 ^{nc}	FITC	Alexa Fluor® 488	PE	Cy5	PE-Cy5	PerCP-Cy5.5	PE-Cy7	APC	Alexa Fluor® 647	Alexa Fluor® 700	APC-eFluor™ 780
CD3	SK7	0036		•						•										
CD3	OKT3	0037	•	•	•	•	•			•	•	•						•	•	
CD3	UCHT1	0038	•	•	•	•	•			•	•	•								•
CD3	HIT3a	0039	•	•						•	•	•								•
CD4	SK3	0047				•														
CD4	OKT4	0048	•	•	•		•			•	•	•						•	•	
CD4	RPA-T4	0049	•	•	•	•	•			•	•	•						•	•	
CD8	OKT8	0086	•	•	•					•	•	•						•	•	
CD8	SK1	0087																		
CD8	RPA-T8	0088	•			•	•			•	•	•						•	•	
CD8	HIT8a	0089	•	•	•					•	•	•								•
CD25	BC96	0259	•		•															

Mouse Lineage Markers

Specificity	Clone	Cat. No.	Formats																	
			Purified	FG	Biotin	eFluor™ 450	eFluor™ 605 ^{nc}	eFluor™ 625 ^{nc}	eFluor™ 650 ^{nc}	FITC	Alexa Fluor® 488	PE	Cy5	PE-Cy5	PerCP-Cy5.5	PE-Cy7	APC	Alexa Fluor® 647	Alexa Fluor® 700	APC-eFluor™ 780
CD3	17A2	0032	•	•		•												•	•	
CD3	eBioG4.18	0030	•	•	•					•		•								
CD3	145-2C11	0031	•	•	•					•		•								
CD3	eBio500A2	0033	•	•	•					•		•							•	
CD4	GK1.5	0041	•	•	•		•			•		•							•	
CD4	RM4-5	0042	•	•	•	•				•		•							•	
CD8	eBioH35-17.2	0083	•	•	•					•		•							•	
CD8	53-6.7	0081	•	•	•	•	•			•		•							•	
CD25	PC61.5	0251	•	•	•					•		•							•	

Mouse Congenic Markers

Specificity	Clone	Cat. No.	Formats																	
			Purified	FG	Biotin	eFluor™ 450	eFluor™ 605 ^{nc}	eFluor™ 625 ^{nc}	eFluor™ 650 ^{nc}	FITC	Alexa Fluor® 488	PE	Cy5	PE-Cy5	PE-Cy5.5	PerCP-Cy5.5	PE-Cy7	APC	Alexa Fluor® 647	Alexa Fluor® 700
CD45.1	A20	0453	•		•	•	•													
CD45.2	104	0454	•		•	•	•													
CD90.1	HIS51	0900	•		•	•	•													
CD90.2	53-2.1	0902	•		•	•	•													
CD90.2	30-H12	0903	•	•	•	•	•													

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PerCP is protected by patents owned by Becton, Dickinson & Company (European patent 0314406, or Japanese Patent JP1888759).