

VECTASHIELD® Mounting Medium Compatibility

Based on in-house testing and data from published papers, Vectashield® Mounting Medium has been used with the following fluorochromes. Absence of a particular fluorochrome does not indicate incompatibility.

1,1'-dioctadecyl-3,3',3'-tetramethylindocarbocyanine	Cascade Blue®	Evans blue	phycoerythrin
1,1'-dioctadecyl-3,3',3'-tetramethylindocarbocyanine	CellTracker™ Blue	fast blue	PicoGreen®
3,3'-dioctadecyloxacarbocyanine	CellTracker™ Green	FITC / fluorescein	PI / propidium iodide
4-(4-(dihexadecylamino) styryl)-N-methylpyridinium	CellTracker™ Orange	FluoProbes®488	Quantum dot / Qdot
4-chloromethyl benzoyl amino tetramethyl rhodamine	CellTracker™ Red	FluoProbes®547	RFP / red fluorescent protein
5-(4,6-dichlorotriazinyl) aminofluorescein	Cerulean fluorescent protein	fluorescent brightener 28	Rhodamine
5-chloromethylfluorescein diacetate	chromomycin a3	Fluoro-Emerald	Rhodamine 600
7-diethylaminocoumarin-3-carboxylic acid	coumarin	Fluoro-Gold™	Rhodamine Green™
7-nitrobenz-2-oxa-1,3-diazole	Cy*2	Fluoro-Jade®	Rhodamine Red™
acridine orange	Cy*3	Fluoro-Ruby	SpectrumAqua™
Actinomycin D	Cy*3.5	GFP / green fluorescent protein	SpectrumBlue™
Alexa Fluor® 350	Cy*5	hoechst 33258	SpectrumGold™
Alexa Fluor® 405	Cy*5.5	hoechst 33342	SpectrumGreen™
Alexa Fluor® 488	Cy*7	lissamine rhodamine	SpectrumOrange™
Alexa Fluor® 532	DAPI	Lucifer yellow	SpectrumRed™
Alexa Fluor® 546	Dead Red™	LysoTracker®	SYBR® Gold
Alexa Fluor® 555	Dendra fluorescent protein	LysoTracker® Red	SYBR® Green
Alexa Fluor® 568	dihydroethidium	Marina Blue®	SYTO®
Alexa Fluor® 594	distamycin a	mCherry	SYTOX® Green
Alexa Fluor® 633	doxorubicin	MitoTracker®	SYTOX® Orange
Alexa Fluor® 647	DRAQ5™	MitoTracker® Deep Red	TAMRA
Alexa Fluor® 660	DSRed	MitoTracker® Green	Texas Red®
Alexa Fluor® 680	DyLight® 488	MitoTracker® Orange	thioflavin s
Alizarin red s	DyLight® 547	MitoTracker® Red	TO-PRO®
Allophycocyanin	DyLight® 549	NeuroTrace®	TO-PRO®-1
AMCA	DyLight® 594	Nile red	TO-PRO®-3
7-Aminoactinomycin D	DyLight® 649	nonyl acridine orange	TOTO®-1
Atto® dyes	Emerald fluorescent protein	NorthernLights™-557	TOTO®-3
bisbenzimidazole	ER-Tracker™ Blue	Oil red O	TRITC / tetramethyl rhodamine
BFP / blue fluorescent protein	ER-Tracker™ Blue-White	Oregon Green® 488	Vector® Red Substrate Kit
BODIPY®	ER-Tracker™ Red	Oregon Green® 514	YFP / yellow fluorescent protein
calcein	ethidium bromide	Pacific Blue™	YO-PRO®-1
calcofluor white	ethidium homodimer	Phalloidin	YOYO®
			YOYO®-1