

## 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',3'-tetramethylindocarbocyanine	calcein-	FluoProbes®547	Rhodamine Green™
1,1'-dioctadecyl-3,3,3',3'-tetramethylindocarbocyanine	calcofluor white	fluorescein	Rhodamine Red™
3,3'-dioctadecyloxacarbocyanine	Cascade Blue®	fluorescent brightener 28	SpectrumAqua™
4-(4-(dihexadecylamino)styryl)-N-methylpyridinium	CellTracker™ Blue	Fluoro-Emerald	SpectrumBlue™
4-chloromethyl benzoyl amino tetramethyl rhodamine	CellTracker™ Green	Fluoro-Gold™	SpectrumGold™
5-(4,6-dichlorotriazinyl) aminofluorescein	CellTracker™ Orange	Fluoro-Jade®	SpectrumGreen™
5-chloromethylfluorescein diacetate	CellTracker™ Red	Fluoro-Ruby	SpectrumOrange™
7-diethylaminocoumarin-3-carboxylic acid	chromomycin a3	green fluorescent protein	SpectrumRed™
7-nitrobenz-2-oxa-1,3-diazole	coumarin-	hoechst 33258	SYBR® Gold
acridine orange	Cy™2	hoechst 33342	SYBR® Green
actinomycin d	Cy™3	lissamine rhodamine-	SYTO®
Alexa Fluor® 350	Cy™3.5	lucifer yellow	SYTOX® Green
Alexa Fluor® 405	Cy™5	LysoTracker®	SYTOX® Orange
Alexa Fluor® 488	Cy™5.5	LysoTracker® Red	tamra-
Alexa Fluor® 532	Cy™7	Marina Blue®	tetramethylrhodamine
Alexa Fluor® 546	DAPI	MitoTracker®	Texas Red®
Alexa Fluor® 555	Dead Red™	MitoTracker® Deep Red	thioflavin s
Alexa Fluor® 568	dihydroethidium	MitoTracker® Green	TO-PRO®
Alexa Fluor® 594	distamycin a	MitoTracker® Orange	TO-PRO®-1
Alexa Fluor® 633	doxorubicin	MitoTracker® Red	TO-PRO®-3
Alexa Fluor® 647	DRAQ5™	NeuroTrace®	TOTO®-1
Alexa Fluor® 660	Dy547-	nile red	TOTO®-3
Alexa Fluor® 680	DyLight® 488	nonyl acridine orange	Vector® Red Substrate Kit
alizarin red s	DyLight® 549	NothernLights™-557	yellow fluorescent protein
allophycocyanin	DyLight® 594	oil red o	YO-PRO®-1
AMCA	DyLight® 649	Oregon Green® 488	YOYO®
aminoactinomycin d	ER-Tracker™ Blue/white	Oregon Green® 514	YOYO®-1
bisbenzimidazole	ER-Tracker™ Red	Pacific Blue™	
blue fluorescent protein	ethidium	PicoGreen®	
BODIPY®	ethidium bromide	propidium iodide	
	ethidium homodimer	quantum dot-	
	evans blue	red fluorescent protein	
	fast blue	rhodamine	
	FluoProbes®488	rhodamine 600	

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## VECTASHIELD® Hard•Set™ Mounting Medium Compatibility

Based on in-house testing and data from published papers, Vectashield® Hard•Set™ 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	AMCA	hoechst dye
Alexa Fluor® 350	Cy™2	phycoerythrin
Alexa Fluor® 488	Cy™3	propidium iodide
Alexa Fluor® 546	Cy™5	rhodamine
Alexa Fluor® 555	DAPI	red fluorescent protein
Alexa Fluor® 568	DyLight® 488	SpectrumGreen™
Alexa Fluor® 594	DyLight® 549	SpectrumOrange™
Alexa Fluor® 633	DyLight® 594	SpectrumRed™
Alexa Fluor® 635	DyLight® 649	SYTOX® Green
Alexa Fluor® 647	fluorescein	tetramethylrhodamine
	green fluorescent protein	Texas Red®
		TO-PRO®-3

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