

Immunofluorescence Workflow

Vector Laboratories is your resource for premium labeling and detection products at each step of your IF workflow.

Tissue Preparation	Antigen Retrieval	Quench/Block	Primary Antibody/Lectins*	Secondary Antibody	Tertiary Reagent	Counterstain/Mount	Visualize
<ul style="list-style-type: none"> • VECTABOND™ Tissue Section Adhesive • ImmPrint™ Histology Pen • ImmEdge™ Hydrophobic Barrier Pen 	<ul style="list-style-type: none"> • Antigen Unmasking Solutions, Citrate- or Tris-based 	<ul style="list-style-type: none"> • Avidin/Biotin Blocking Kit • Streptavidin/Biotin Blocking Kit • Normal Sera • Animal-Free Block and Diluent • BSA • Casein Solution • Vector® M.O.M.™ Mouse Ig Blocking Reagent • Carbo-Free™ Block • BLOXALL™ Endogenous HRP and AP Blocking Solution 	<ul style="list-style-type: none"> • Biotinylated lectins • Fluorochrome-conjugated lectins • Unconjugated lectins 	<ul style="list-style-type: none"> • VectaFluor™ DyLight® R.T.U. Secondary Antibodies • VectaFluor™ Duet Immunofluorescence Double Labeling Kits • Mouse on Mouse (M.O.M.™) Immunodetection Kits • Biotinylated secondary antibodies • Fluorochrome-conjugated secondary antibodies • Unconjugated secondary antibodies 	<ul style="list-style-type: none"> • VectaFluor™ Excel DyLight® Amplified Fluorescent Staining Systems • Fluorochrome-conjugated avidin or streptavidin • Biotinylated anti-avidin • Biotinylated anti-streptavidin amplifying reagents 	<ul style="list-style-type: none"> • VECTASHIELD® Antifade Mounting Medium • VECTASHIELD® Antifade Mounting Medium with DAPI • VECTASHIELD® Antifade Mounting Medium with Propidium Iodide (PI) • VECTASHIELD® HardSet™ Antifade Mounting Medium • VECTASHIELD® HardSet™ Antifade Mounting Medium with DAPI • VECTASHIELD® HardSet™ Antifade Mounting Medium with TRITC-Phalloidin 	

* For more information visit: vectorlabs.com/lectins



Ordering Information

Tissue Preparation	
Product	Cat. No.
VECTABOND™ Reagent (Tissue Section Adhesive)	SP-1800
ImmPrint™ Histology Pen	H-6100
ImmEdge™ Hydrophobic Barrier Pen	H-4000

Antigen Retrieval	
Product	Cat. No.
Antigen Unmasking Solution Citrate-based (100X) (pH 6.0)	H-3300
Antigen Unmasking Solution Tris-based (100X) (pH 9.0)	H-3301

Quench/Block	
Product	Cat. No.
BLOXALL™ Endogenous HRP and AP Blocking Solution	SP-6000
Avidin/Biotin Blocking Kit	SP-2001
Streptavidin/Biotin Blocking Kit	SP-2002
Normal Goat Serum	S-1000
Normal Horse Serum	S-2000
Normal Rabbit Serum	S-5000
2.5% Normal Horse Serum	S-2012
Bovine Serum Albumin (BSA)	SP-5050
10x Casein Solution	SP-5020
R.T.U. Animal-Free Block and Diluent	SP-5035

Fluorochrome-Labeled Secondary Antibodies									
Product	AMCA	Fluorescein	DyLight® 488	DyLight® 549	DyLight® 594	DyLight® 649	Cy3	Cy5	
Anti-Mouse IgG (H+L), made in horse	CI-2000	FI-2000	DI-2488	DI-2549	DI-2594	DI-2649	CY-2300	CY-2500	
Anti-Mouse IgG (H+L), rat adsorbed, made in horse		FI-2001							
Anti-Mouse IgM, mu chain specific, made in goat		FI-2020							
Anti-Rabbit IgG (H+L), made in horse			DI-1088	DI-1094					
Anti-Rabbit IgG (H+L), made in goat	CI-1000	FI-1000	DI-1488	DI-1549	DI-1594	DI-1649	CY-1300	CY-1500	
Anti-Rat IgG (H+L), made in rabbit		FI-4000							
Anti-Rat IgG (H+L), mouse adsorbed, made in rabbit		FI-4001							
Anti-Rat IgG, made in goat							CY-4300	CY-4500	
Anti-Goat IgG (H+L), made in horse			DI-3088		DI-3094				
Anti-Goat IgG (H+L), made in rabbit	CI-5000	FI-5000							
VectaFluor™ Anti-Rabbit IgG, made in horse			DI-1788		DI-1794				
VectaFluor™ Anti-Mouse IgG, made in horse			DI-2788		DI-2794				
VectaFluor™ Anti-Goat IgG, made in horse			DI-3788		DI-3794				

Anti-Human Fluorochrome-Labeled Secondary Antibodies									
Product	AMCA	Fluorescein	DyLight® 488	DyLight® 549	DyLight® 594	DyLight® 649	Cy3	Cy5	
Anti-Human IgG (H+L), made in goat		FI-3000							
Anti-Human IgE, epsilon chain specific, made in goat		FI-3040							
Anti-Human IgG, gamma chain specific, made in goat		FI-3080							
Anti-Human IgM, mu chain specific, made in goat		FI-3020							
Anti-Human Kappa Chain, made in goat	CI-3060	FI-3060							
Anti-Human Lambda Chain, made in goat	CI-3070	FI-3070							

Tertiary Reagents									
Product	Biotin	AMCA	Fluorescein	DyLight® 488	DyLight® 549	DyLight® 594	DyLight® 649	Cy3	Cy5
VectaFluor™ Excel Amplified Anti-Rabbit IgG Kit				DK-1488		DK-1594			
VectaFluor™ Excel Amplified Anti-Mouse IgG Kit				DK-2488		DK-2594			
Streptavidin		SA-5008	SA-5001	SA-5488	SA-5549	SA-5594	SA-5649	SA-1300	SA-1500
Avidin		A-2008	A-2001						
Avidin DCS			A-2011						
Anti-Streptavidin	BA-0500			SP-4488	SP-4549				
Anti-Avidin	BA-0300								

Secondary Antibody Kits	
Product	Cat. No.
VectaFluor™ Duet Kits	
VectaFluor™ Duet IF Double Labeling Kit - DyLight® 488 Anti-Rabbit (green) - DyLight® 594 Anti-Mouse (red)	DK-8818
VectaFluor™ Duet IF Double Labeling Kit - DyLight® 594 Anti-Rabbit (red) - DyLight® 488 Anti-Mouse (green)	DK-8828
Mouse on Mouse (M.O.M.) Kits	
M.O.M.™ Basic Kit	BMK-2202
M.O.M.™ Fluorescein Kit	FMK-2201

Counterstain/Mount	
Product	Cat. No.
Non-Hardening Formula	
VECTASHIELD® Mounting Medium	H-1000
VECTASHIELD® Mounting Medium with DAPI	H-1200
VECTASHIELD® Mounting Medium with PI	H-1300
Hardening Formula	
VECTASHIELD® HardSet™ Mounting Medium	H-1400
VECTASHIELD® HardSet™ Mounting Medium with DAPI	H-1500
VECTASHIELD® HardSet™ Mounting Medium with TRITC-Phalloidin	H-1600

