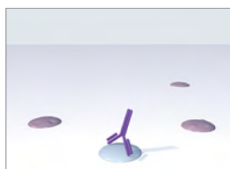


Immunohistochemistry Selection Guide

Follow the simple steps below to choose the most appropriate labeling and detection solution for your experiment.

1 Choose Primary Antibody

- Specific for antigen of interest
- Consider tissue species and preparation (fixation)
- Consider antigen retrieval requirements



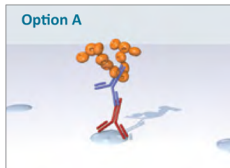
VECTABOND® Reagent
(Tissue Section Adhesive)

Blocking Reagents

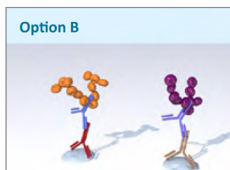
- Choices determined by the options selected in Steps 1-4
- BLOXALL® Endogenous HRP and AP Blocking Solution
- Avidin/Biotin Blocking Kit (if using VECTASTAIN® ABC system)
- Normal Sera (from the species of secondary antibody)
- M.O.M.® Mouse Ig Blocking Reagent
- Animal-Free Blocker® and Diluent
- BSA
- Casein Solution

2 Choose Secondary Antibody and Tertiary Detection System

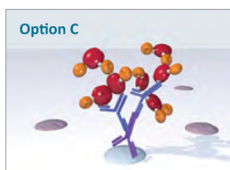
- Choose HRP or AP enzyme system
- Consider sensitivity requirements
- Consider species of primary antibody
- Consider tissue species



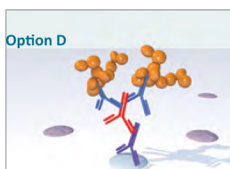
Option A



Option B



Option C



Option D

One Step

- Convenient. Consistent. Ready-to-use. Non-Biotin based.
- ImmPRESS® Polymer Reagents
 - ImmPRESS PLUS Polymer Kits



One Step

- Dual Label - two antigen detection. Convenient. Consistent. Ready-to-use. Non-Biotin based.
- ImmPRESS Duet Double Staining HRP/AP Polymer Detection Kit



Two Step

- Economical. Biotin-based.
- Biotinylated secondary antibody + ABC Complex (VECTASTAIN Elite® ABC Kits, VECTASTAIN Elite ABC PLUS Kit)

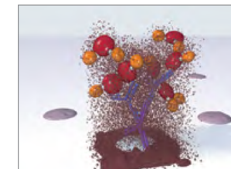


Two Step

- Highest sensitivity. Non-biotin based.
- ImmPRESS Excel Amplified Polymer Staining Systems

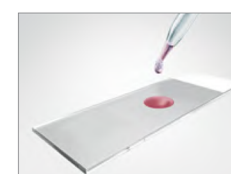
3 Choose Enzyme Substrate

- Color
- Compatibility with other system reagents (counterstains, mounting media and other substrates for multiplexing)



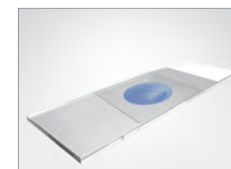
4 Choose Nuclear Counterstain

- Blue, green, or red
- Compatibility with substrate, mounting media



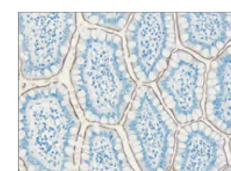
5 Choose Mounting Media

- Aqueous vs. non-aqueous
- Compatibility with substrate(s) and counterstain



6 Visualize

- Brightfield microscope



Small bowel: CD10 (m), VECTASTAIN® Elite® ABC Kit, ImmPACT™ DAB HRP Substrate (brown). Hematoxylin QS counterstain (blue).

Legend



Primary antibody



Secondary antibody



Amplifier antibody



Enzyme (HRP or AP)



Biotinylated enzyme (HRP or AP)



Avidin

Available in Canada from...

MJS
BioLynx
INC.

1-888-593-5969
www.biolynx.ca • tech@biolynx.ca



Ordering Information

Tissue Preparation	
Product	Catalog Number
VECTABOND Reagent (Tissue Section Adhesive)	SP-1800
ImmPrint Histology Pen	H-6100
ImmEdge Hydrophobic Barrier Pen	H-4000

Antigen Retrieval	
Product	Catalog Number
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	Catalog Number
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 Blocker and Diluent	SP-5035
M.O.M. Mouse Ig Blocking Reagent	MKB-2213
Carbo-Free Blocking Solution	SP-5040

Secondary Antibodies and Tertiary Reagents			
Product	Catalog Number	Product	Catalog Number
ImmPRESS Polymer Reagents		VECTASTAIN ABC Complex Reagents	
ImmPRESS HRP Horse Anti-Rabbit IgG Kit	MP-7401	VECTASTAIN Elite ABC Kit, Standard, HRP	PK-6100
ImmPRESS HRP Goat Anti-Rabbit IgG Kit	MP-7451	VECTASTAIN Elite ABC Kit, Rabbit IgG, HRP	PK-6101
ImmPRESS HRP Horse Anti-Mouse IgG Kit	MP-7402	VECTASTAIN Elite ABC Kit, Mouse IgG, HRP	PK-6102
ImmPRESS HRP Goat Anti-Mouse IgG Kit	MP-7452	VECTASTAIN Elite ABC Kit, Rat IgG, HRP	PK-6104
ImmPRESS HRP Horse Anti-Mouse IgG (rat adsorbed) Kit	MP-7422	VECTASTAIN Elite ABC Kit, Goat IgG, HRP	PK-6105
ImmPRESS HRP Horse Anti-Rat IgG Kit	MP-7404	VECTASTAIN Elite ABC Kit, Universal, HRP (Horse Anti-Mouse/Rabbit IgG)	PK-6200
ImmPRESS HRP Horse Anti-Rat IgG (mouse adsorbed) Kit	MP-7444	R.T.U. VECTASTAIN Elite ABC Reagent, HRP	PK-7100
ImmPRESS HRP Horse Anti-Goat IgG Kit	MP-7405	R.T.U. VECTASTAIN Elite ABC Kit, Universal, HRP (Horse Anti-Mouse/Rabbit IgG)	PK-7200
ImmPRESS HRP Universal Antibody Kit (Horse Anti-Rabbit/Mouse IgG)	MP-7500	VECTASTAIN Elite ABC Universal PLUS Kit, HRP (Horse Anti-Mouse/Rabbit IgG)	PK-8200
ImmPRESS VR Horse Anti-Rabbit IgG Kit	MP-6401	VECTASTAIN ABC Kit, Standard, AP	AK-5000
ImmPRESS VR Horse Anti-Mouse IgG Kit	MP-6402	VECTASTAIN ABC Kit, Rabbit IgG, AP	AK-5001
ImmPRESS Excel Amplified Horse Anti-Rabbit IgG Kit	MP-7601	VECTASTAIN ABC Kit, Mouse IgG, AP	AK-5002
ImmPRESS Excel Amplified Horse Anti-Mouse IgG Kit	MP-7602	VECTASTAIN ABC Kit, Universal	AK-5200
ImmPRESS Duet Double Staining HRP/AP Kit (Anti-Rabbit IgG-brown, Anti-Mouse IgG red)	MP-7714	Biotinylated Secondary Reagents	
ImmPRESS Duet Double Staining HRP/AP Kit (Anti-Mouse IgG-brown, Anti-Rabbit IgG red)	MP-7724	Rabbit Anti-Goat IgG (H+L)	BA-5000
ImmPRESS HRP Universal PLUS Kit (Horse Anti-Mouse/Rabbit IgG)	MP-7800	Horse Anti-Goat IgG (H+L)*	BA-9500
ImmPRESS HRP Horse Anti-Rabbit IgG PLUS Kit	MP-7801	Goat Anti-Human IgG (H+L)	BA-3000
ImmPRESS HRP Horse Anti-Mouse IgG PLUS Kit	MP-7802	Horse Anti-Mouse IgG (H+L)*	BA-2000
ImmPRESS AP Horse Anti-Rabbit IgG Kit	MP-5401	Horse Anti-Mouse IgG (H+L), rat adsorbed	BA-2001
ImmPRESS AP Horse Anti-Mouse IgG Kit	MP-5402	Goat Anti-Mouse IgG (H+L)*	BA-9200
ImmPRESS AP Horse Anti-Rat IgG Kit	MP-5404	Goat Anti-Mouse IgM (H+L) μ chain specific	BA-2020
ImmPRESS AP Horse Anti-Rat IgG (mouse adsorbed) Kit	MP-5444	Goat Anti-Rabbit IgG (H+L)*	BA-1000
ImmPRESS AP Horse Anti-Goat IgG Kit	MP-5405	Rabbit Anti-Rat IgG (H+L)	BA-4000
M.O.M. (Mouse on Mouse) Kits		Rabbit Anti-Rat IgG (H+L), mouse adsorbed	BA-4001
M.O.M. ImmPRESS HRP Polymer Kit	MP-2400	Goat Anti-Rat IgG (H+L)*	BA-9400
M.O.M. Basic Kit	BMK-2202	Universal Horse Anti-Mouse/Rabbit IgG (H+L)*	BA-1400
M.O.M. Peroxidase Kit	PK-2200		
M.O.M. Biotinylated Anti-Mouse Ig Reagent	MKB-2225		
M.O.M. ImmPRESS HRP Polymer Anti-Mouse Reagent	MPX-2402		

* Also available Ready-to-use, prediluted stabilized solutions.

Substrates/Chromogen	
Product	Catalog Number
DAB	SK-4100
DAB +Ni	SK-4100
ImmPACT® DAB	SK-4105
ImmPACT DAB EqV	SK-4103
Vector VIP	SK-4600
ImmPACT VIP	SK-4605
Vector SG	SK-4700
ImmPACT SG	SK-4705
Vector NovaRED™	SK-4800
ImmPACT NovaRED	SK-4805
AEC	SK-4200
ImmPACT AEC	SK-4205
ImmPACT AMEC Red	SK-4285
TMB	SK-4400
Vector Red	SK-5100
ImmPACT Vector Red	SK-5105
Vector Blue	SK-5300

Counterstain	
Product	Catalog Number
Vector Hematoxylin	H-3401
Vector Hematoxylin QS	H-3404
Vector Methyl Green	H-3402
Vector Nuclear Fast Red	H-3403

Coverslip/Mount	
Product	Catalog Number
VectaMount Permanent Mounting Medium	H-5000
VectaMount AQ Aqueous Mounting Medium	H-5501

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