Immunohistochemistry Protocol for use on Paraffin Sections, Date: Assav: Sam						los/# of slides:	
		a Buffa	Assay: Samples/# of slides: er: Diluting Buffer: 1%BovineSerumAlbumin or equivalent in Wash Buffer				
	1. Air Dry Slides for 3 days and proceed to fume hood to start Deparaffinization in the fume h  3x Xylene for 10 min each (30 minutes total) and then can do the rest on the b  Rehydration on bench 2x 100% EtOH for 5 min each (10 minutes total)					the fume hood: est on the bench	
2x 95% EtOH for 5 min each (10 minutes total)						<u>,</u>	
2x 70% EtOH for 5 min each (10 minutes total), followed by im					d by immers	ion 3x in Wash	
		Buffer					
	2.	Blocking					
		a. Block Endogenous Peroxidase (if using peroxidase substrate)					
		<b>L</b>	0.3% H <sub>2</sub> O <sub>2</sub> in Wash Buffer for <u>30 minutes</u> , followed by 3x Wash Buffer				
		<ul> <li>Block Hydrophobic Interactions: Apply 1%BovineSerumAlbumin or equivalent in Was Buffer</li> </ul>					
		C	c. Block Endogenous Biotin (if using biotinylated antibodies)				
		Apply 0.1% Avidin from blocking kit for <u>15 minutes</u> , followed by 3x Wash Buff					
			Apply 0.01% Biotin from blocking kit for 15 minutes, followed by 3x Wash Buffer				
	3.	If needed: Antigen Retrieval:					
		a. Heat-Induced Epitope Retrieval (HIER) CHOOSE pH of Retrieval solution					
			place slides in complete rack, use dummy slides as necessary Heat slides in a Citrate Buffer w/ water bath for <u>5 minutes</u>				
			Check slides and then repeat for <u>5 minutes</u>				
		Allow cool down at room temp for exactly 20 minutes					
		OR .	E	Date: al			
		b. Enzyme-Induced Epitope Retrieval				3x Wash Buffer	
			Proteinase K for <u>7 minutes</u> followed by 3x Wash Buffe				
	4.	Primary Application					
	#		ry Reagents	Catalog Number	Dilutions	Incubation	
	_					Time	
	1. 2.				:		
	3.						
	4.				:		
	5.				:		
		3x \	Wash Buffer	L	-		
5. Secondary Application							
	#	Secor	ndary Reagents	Slides Applied To/Groups Applied	Dilutions	Incubation Time	
	1.				:		
	_		followed by 3x Wash Buffer				
	6.		Application		D'1 4'	L. L.C.	
	#		<mark>ry Reagents</mark>	Slides Applied To/Groups Applied	Dilutions	Incubation Time	
	1.	_			:		
	7.	followed Substra	te Application				
					3x Wash E		
	8. Counterstain: for minutes followed by 3x Wash Buffer 9. Air Dry Slides before applying Coverslips using proper medium (						
	Air Dry Sildes before applying Coversilps using proper medium (						
	10. Ose correct inicroscope for digital priotographs and record results						