

Mart-1 Staining Protocol		
Reagent Time		
Acetone	2 Minutes	
Tris Wash	30 Seconds	
Mart-1 Antibody	11 Minutes	
Tris Wash	20 Seconds	
Poly-HRP	10 Minutes	
Tris Wash	20 Seconds	
DAB	2 Minutes	
<b>Distilled Water</b>	Quick Rinse	
Hematoxylin Gill 3	2 Sec Dip	
Water	Rinse	
Bluing	2 Sec Dip	
Water	Rinse	
100% Alcohol	4 Stainer Wells	

Ordering Information			
Reagent	Company	Product #	
Mart-1 Primary Antibody 1 ml	Lab Vision 1-800-828-1628	MS-716-P ~ \$500	
<b>Polymer Based IHC</b> <b>Detection System</b> Poly HR, DAB, Blocking	Vision Biosystems 1-800-248-0123	PV6113 ~ \$1,000	
<b>Tris-Buffered Saline</b> ( <b>TBS</b> ) 6 packs = 6 liters	Dako 1-800-235-5763	\$300130-2 ~ \$120	





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 $Website \ www.MohsSurgeryMD.com$ 



## **Mart-1 Staining Protocol for Frozen Sections**

Preparing the Slides         •       Cut the sections 4-5 microns and use charged slides         •       Have an H&E and Mart-1 slide for each section of tissue         •       H&E - The first sections on the slide         •       H&E - The first sections on the slide because the bottom often gets over rinsed from dipping in the Tris         •       Control Slide         •       There must be a control slide each time the Mart-1 protocol is used         •       For the negative control slide, skip the Mart-1 antibody step         •       For the negative control slide, skip the Mart-1 antibody step         •       Apply the liquid blocker pen closely around the tissue         •       Heat the slides for at least 5 minutes         •       Cool at room temperature for at least 5 minutes         Staining Protocol       Acctone; 2 minutes         •       Acctone; 2 minutes         •       Acctone; 2 minutes         •       Acctone; 2 minutes         •       Add one pack of the Tris-buffered saline to one liter of distilled water         •       Store in a plastic container labeled as Tris. The six packs will last about 90 cases         •       Mart-1: Antibody + 50 ml blocking solution         •       Ald one pack of the Tris-buffered saline to one liter of distilled water         •       Store in			Mart-1 Staming Protocol for Frozen Sections
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