

## VWF

### Mouse Anti-Human VWF Propeptide Matched Antibody Pair (Clones CLB-Pro 35 and CLB-Pro 14.3-HRP)

<b>Catalog No.</b>	CS-MW1939	<b>Quantity:</b>	3 x 96 tests
<b>Alternate Names:</b>	von Willebrand factor		
<b>Description:</b>	VWF is a glycoprotein involved in hemostasis. The preproprotein is proteolytically processed following assembly into large multimeric complexes. These complexes function in the adhesion of platelets to sites of vascular injury and the transport of various proteins in the blood. Mutations in this gene result in von Willebrand disease, an inherited bleeding disorder.		
<b>Gene ID:</b>	7450		
<b>UniProt ID:</b>	P04275		
<b>Specificity:</b>	Human VWF propeptide, as established by functional, immunoprecipitation and immunoblotting studies		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Pro-VWFGly763		
<b>Components:</b>	Mouse Anti-Propeptide VWF Monoclonal Antibody Pair <b>Capture/Coating Antibody: CS-MW1939-A (clone CLB-Pro 35)</b> <b>Detection Antibody: CS-MW1939-B (clone CLB-Pro 14.3) - HRP-conjugated</b>		
<b>Formulation:</b>	<b>CS-MW1939-A (CLB-Pro 35)</b> is dissolved in 20 mM TRIS, 150 mM NaCl, pH 8.0, 0.001% Merthiolate. <b>CS-MW1939-B HRP-conjugated (CLB-Pro 14.3)</b> is dissolved in 20 mM TRIS, 150 mM NaCl, pH 8.0, 1% BSA, 0.001% Merthiolate.		
<b>Concentration:</b>	Each antibody is 100-fold concentrated. Total volume is 375 µL for each antibody, sufficient for 3 microtiter plates of 96 tests.		
<b>Applications:</b>	ELISA, Functional Studies		
<b>Application Notes:</b>	Quantitative measurement of VWF propeptide by ELISA (protocol attached) in vascular disorders, von Willebrand disease and acquired von Willebrand syndrome. Studies on von Willebrand factor synthesis. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	For long-term storage, freeze in working aliquots at -20 °C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

