

# antibody pair anti-human VWF propeptide

<b><u>Art. no.</u></b>	MW1939
<b><u>Clones</u></b>	clone CLB-Pro 35 clone CLB-Pro 14.3
<b><u>Immunogen</u></b>	pro-VWFGly763.
<b><u>Composition</u></b>	mouse antibodies (Balb/c x Sp2/0-Ag 14).
<b><u>Conjugation</u></b>	Clone CLB-Pro 14.3 was conjugated to HRP according to the procedure originally described by Wilson and Nakane. (5), with some modifications.
<b><u>Specificity</u></b>	The specificity for VWF propeptide has been established by functional, immunoprecipitation and immunoblotting studies (1).
<b><u>Packing</u></b>	<p>Monoclonal antibodies CLB-Pro 35 are dissolved in 20 mM TRIS and 150 mM NaCl, pH 8.0.</p> <p>HRP conjugated monoclonal antibodies CLB-Pro 14.3 are dissolved in 20 mM TRIS and 150 mM NaCl, pH 8.0. and 1% BSA</p> <p>Antibodies are presented in a 100-fold concentrated solution. Clone numbers are stated on the vial label.</p>
<b><u>Preservative</u></b>	Merthiolate (0.001%)
<b><u>Storage</u></b>	For prolonged periods of time storage at -18° to -32°C is recommended. Repeated thawing and freezing may reduce the antibody activity and should be avoided.
<b><u>Applications</u></b>	Studies on von Willebrand factor synthesis.
<b><u>References</u></b>	<ol style="list-style-type: none"><li>1. Alessandra Borchiellini <i>et al</i>, Quantitative Analysis of von Willebrand Factor Propeptide Release In Vivo: Effect of Experimental Endotoxemia and Administration of 1-Deamino-8-D-Arginine Vasopressin in Humans. <i>Blood</i> 1996; 88: 2951-2958</li><li>2. Jan A. van Mourik <i>et al</i>, von Willebrand Factor Propeptide in Vascular Disorders: A Tool to Distinguish Between Acute and Chronic Endothelial Cell Perturbation. <i>Blood</i> 1999; 94: 179-185</li><li>3. Jan A. van Mourik and Thalia Romani de Wit. Von Willebrand factor propeptide in vascular disorders. <i>Thromb Haemost.</i> 2001; 86:164-71.Review.</li><li>4. Carina J. van Schooten <i>et al</i>. Cysteine-mutations in von Willebrand factor associated with increased clearance. <i>J Thromb Haemost.</i> 2005; 3: 2228-37.</li><li>5. Wilson, M.B. and Nakane, P.K., Knapp, Holubar and Wick (editors) <i>Immunofluorescence and related Staining Techniques</i>, Elsevier/North-Holland Biomedical Press, Amsterdam/New York, 215-224 (1978)</li></ol>