Anti-Human Von Willebrand Factor
Monoclonal Antibody

<table>
<thead>
<tr>
<th>Catalogue#</th>
<th>Format</th>
<th>Size</th>
<th>Concentration</th>
<th>Isotype Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL7616AP</td>
<td>Purified</td>
<td>200 µg</td>
<td>1.0 mg/ml</td>
<td>CLCMG100</td>
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<tr>
<td>CL7616B</td>
<td>Biotin</td>
<td>100 µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG115</td>
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<tr>
<td>CL7616F</td>
<td>FITC</td>
<td>100 µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG101</td>
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<tr>
<td>CL7616PE</td>
<td>PE</td>
<td>50 µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG104</td>
</tr>
</tbody>
</table>

Isotype: Mouse IgG1,κ

DESCRIPTION:

Cedarlane’s Anti-Human Von Willebrand Factor monoclonal antibody binds Von Willebrand Factor (vWF), a 270 KDa multimeric plasma glycoprotein involved in haemostasis. vWF binds to specific platelet membrane glycoproteins and exposed connective tissue to mediate the adhesion of platelets to sites of vascular damage. Blood clotting Factor VIII is maintained as a stable inactive form while binding vWF in regular blood circulation. Factor VIII is degraded rapidly when released from vWF and this release is mediated by the action of thrombin. A deficiency in vWF results in the bleeding disorder, Von Willebrand disease

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.02% NaN₃. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.

Biotin, FITC and PE: Biotin, FITC and PE conjugated IgG buffered in PBS, 0.02% NaN₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE PE conjugates. For long term storage (Purified, Biotin and FITC), aliquot and freeze unused portion at -20°C. Single-use product, avoid freeze/thaw cycles.

APPLICATION:

This antibody is suitable for use in Western Blot, ELISA, Immunohistochemistry (Frozen). Recommended working dilution in ELISA: 1:16000 - 1:32000

Continued Overleaf......
SPECIFICATIONS:

Clone: F8/44/20

Hybridoma Production:

Immunization: Mouse monoclonal antibodies raised against Von Willebrand factor from human plasma.

Specificity: This antibody is specific for human Von Willebrand factor.

Appropriate control samples should always be included in any labeling studies.

* For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.

REFERENCES:


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