Anti-Human Factor VII/VIIa
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>CL2764AP</td>
<td>Purified</td>
<td>200 µg</td>
<td>1.0 mg/ml</td>
<td>CLCMG100</td>
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<tr>
<td>CL2764B</td>
<td>Biotin</td>
<td>100 µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG115</td>
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<tr>
<td>CL2764HP</td>
<td>HRPO</td>
<td>100 µg</td>
<td>0.1 mg/ml</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Isotype: Mouse IgG1

DESCRIPTION:

Human blood coagulation factor VII is a 50 kD, vitamin K dependent, plasma glycoprotein synthesized in the liver and secreted into the blood as a single chain zymogen of serine protease factor VIIa. Factor VII participates in a cascade of reactions leading to the coagulation of blood and contains two Epidermal Growth Factor (EGF) domains. This antibody recognizes an epitope in the factor VIIa heavy chain.

Factor VII participates in the extrinsic pathway of blood coagulation in an activated form called factor VIIa. Factor VII can be converted to VIIa by Factor IXa or thrombin.

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: Biotin 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.

HRPO: HRPO conjugated IgG buffered in PBS with 40% glycerol (v/v) and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. No NaN3 with other preservatives.

STORAGE/STABILITY:

For all formats, store at 4°C. For long term storage (Purified, Biotin, HRPO), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

APPLICATIONS:

This antibody is suitable for use in ELISA and Western Blot.

Continued Overleaf.....
SPECIFICATIONS:

Clone: AD-1

Immunogen: Human Factor VII purified from plasma.

Specificity: This antibody is specific for factor VII/VIIa.

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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