

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Coagulation Factor V (light chain) in direct ELISAs
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 2280D
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	Synthetic peptide containing human Coagulation Factor V aa1650-1700
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

<b>ELISA</b>	This antibody functions as an ELISA capture antibody when paired with Rabbit Anti-Human Coagulation Factor V (Light Chain) Monoclonal Antibody (Catalog # <a href="#">MAB9856</a> ).  <i>This product is intended for assay development on various assay platforms requiring antibody pairs.</i>
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## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>• 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>• 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>• 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

Factor V (Coagulation Factor Five) is a 330kDa protein of the coagulation system encoded by the F5 gene. Unlike most other coagulation factors, Factor V is not enzymatically active but functions as a cofactor. Factor V is a central regulator of hemostasis. It serves as a critical cofactor for the pro-thrombinase activity of factor Xa that results in the activation of pro-thrombin to thrombin.