

Human Coagulation Factor V (Light Chain) Alexa Fluor® 350-conjugated Antibody

Recombinant Monoclonal Rabbit IgG Clone # 2280A

Catalog Number: IC9856U

100 µg

DESCRIPTION

| | |
|---------------------------|---|
| Species Reactivity | Human |
| Specificity | Detects human Coagulation Factor V in direct ELISAs. |
| Source | Recombinant Monoclonal Rabbit IgG Clone # 2280A |
| Purification | Protein A or G purified from cell culture supernatant |
| Immunogen | Synthetic peptide containing human Coagulation Factor V aa1650-1700 Accession # P12259 |
| Conjugate | Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm |
| Formulation | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

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.

| | Recommended Concentration | Sample |
|---|----------------------------------|--|
| Intracellular Staining by Flow Cytometry | 0.25-1 µg/10 ⁶ cells | HepG2 human hepatocellular carcinoma cell line |

PREPARATION AND STORAGE

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|--------------------------------|--|
| Shipping | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| Stability & Storage | Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied. |

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.

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