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monoclonal antibody against human factor V

Product No. 2351

Product No. 2351CJ (FITC conjugated)

Source

Murine monoclonal antibody IgG_{1k}, clone V237, (Reference 1) recognizing an epitope on the light chain of both human and bovine factor V and binding to both factor V and factor Va.

Presentation

No. 2351 Clear glass, screw-capped vials containing 250 µg of Protein G purified IgG₁ lyophilized from 250 µL of 0.15M Phosphate Buffered Saline, 0.2M mannitol, pH 7.4

No. 2351CJ Amber glass, screw-capped vials containing 50 µg conjugated monoclonal, lyophilized from 1 mL of a 50 µg/mL solution in 0.15M PBS, 1% BSA buffer.

Fluorescein/Protein Ratio = 4.6

Reconstitution

No. 2351 Add 250 µL filtered deionized water.

No. 2351CJ Add 1 mL filtered deionized water.

Applications

Fluorescence-gated flow cytometry investigation of the factor Va receptor and prothrombinase complex assembly (Reference 2).

Storage

Store lyophilized product at 2°-8°C. Aliquot and freeze reconstituted product in plastic tubes at -20°C (protect from light).

References

1. Faioni, E. M., *et al.* *Circulation* 1988; **78**, Suppl. II: 121.
2. Sims, P. J., *et al.* *J Biol Chem* 1989; **264**: 17049-17057.

Related Products

Product No. 235: murine monoclonal directed against C-terminal of human factor V, binding to an epitope on the 74 kD component and partially inhibiting h-fVa activity.

Product No. 265: human plasma immunodepleted of factor V.

Product No. 305: horse anti-human factor V, IgG.

Product No. 405: human plasma factor Va.

Product No. 450: human plasma factor V.

Product No. 555: specific factor V activator from *Vipera Russellii*.