

Factor V Light Chain Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 19701 (clone B38)

Format: 250ug Protein G-purified antibody in PBS, pH 7.4

BACKGROUND

Coagulation cofactor V (Factor V) is a high molecular weight glycoprotein that performs several critical functions in regulating hemostasis. In its thrombin-activated form (FVa) it interacts with Factor Xa and Ca^{+2} to form the prothrombinase complex. This complex catalyzes the formation of thrombin from prothrombin at rates substantially higher than Factor Xa alone.

SPECIFICATION SUMMARY

Antigen: Purified human Factor V.

Host Species: Mouse

Antibody Class: IgG1

Specificity: This antibody recognizes the F1F2 polypeptide of human Factor Va light chain.

APPLICATIONS

Western blotting: a band of approx. 74kDa is detected.

ELISA

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C . Avoid multiple freeze-thaw cycles.

PRODUCT REFERENCES

Gewirtz AM et al. 1986 Blood 67: 1639-1648.

Annamalai AE et al. 1987 Blood 70: 139-156.