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Certificate of Analysis

Catalog #: Mab HFX-LC

Lot: SAMPLE SAMPLE

Description: Monoclonal antibody to Human Factor X-Light Chain

Concentration: 1.0 mg/ml (before lyophilization)

Aliquots: 1 x 0.50 mg

Volume/aliquot: 0.500 ml

Activity: N/A

Total protein: 0.50 mg

Buffer: 20 mM Sodium Phosphate/ 0.15M NaCl/ 1% Mannitol/ pH 7.4

Storage: -20° C

Expiration Date: SAMPLE SAMPLE

PO: N/A

Date of Manufacture: SAMPLE SAMPLE

Immunogen: Human Factor X Light Chain

Clone ID#: 509

Antibody purified by Protein G affinity chromatography from cell supernatant. Purity determined by SDS-PAGE is >98%.

Binds human factor X and Xa in solid phase ELISA. In immunoblotting, binds factor X light chain. Bind I-125 labeled factor X. Does not bind bovine factor X. Binds factor X in presence of EDTA or Ca²⁺. Prolongs plasma prothrombin time (PT) and APTT. Partially inhibits prothrombin activation in prothrombinase assay.

Store lyophilized antibody at -20C. Reconstitute with good laboratory water and centrifuge to remove insoluble material. Store reconstituted antibody in aliquots at -20C. Avoid repeated freeze-thaw cycles.

Thank You,
Quality Assurance

Sample