



CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: N86500M **Lot #:** 11K31522

Description: MAb to D-dimer
Monoclonal Antibody to Human D-dimer (Fibrin Degradation Product)

Specificity: Recognizes Human D-Dimer, a specific degradation product of cross-linked fibrin. Low cross-reaction with D-monomer. Cross-reacts with fibrinogen.

Host Animal: Mouse **Isotype:** IgG_{2b}

Immunogen: Homogenized Fibrin Clot

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Sepharose Chromatography

Concentration: 4.6 mg/mL (Sigma Protein Assay Kit)

Affinity Constant: Not Determined

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Works in Western blot. For sandwich immunoassay, plasma samples should be diluted with 10 mM Tris/HCl Buffer, pH 7.5 containing 1 M NaCl and 0.1% Tween 20. To avoid non-specific binding, the final NaCl concentration in plasma samples should be 0.5 M or more. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Signature

11 Nov 2022

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY