

CERTIFICATE OF ANALYSIS

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

Catalog #: N01270M **Lot #:** 25C08521

Description: MAb to D-Dimer
Monoclonal Antibody to D-Dimer

Specificity: This antibody is highly specific for D-dimer and recognizes an epitope between amino acids 86 and 302 in the gamma chain of the D domain chains of fibrinogen (i.e., Fragment D). This epitope is masked in soluble non-cross linked or non-degraded fibrin but after cross-linked fibrin has been cleaved by plasmin, it becomes expressed. Expression of this region, which is specific to fibrin derivatives, can be utilized to differentiate between fibrin and fibrinogen breakdown products. The smallest and best characterized of the fibrin breakdown products is D-dimer, comprising two cross-linked D domains.

This clone demonstrates reactivity with D-dimer and other cross-linked fibrin degradation products containing D-dimer, but no reactivity with Fragment D or E. Additionally, no cross-reaction was found with purified intact fibrinogen or fibrinogen degradation products.

Host Animal: Mouse **Isotype:** IgG

Source: Cell Culture

Format: Purified, Liquid

Purification: > 90% pure (HPLC 280 nm). Anion Exchange Chromatography, Salt precipitation.

Concentration: 5.0 mg/mL (OD280nm)

Buffer: 50 mM Potassium Phosphate, 10 mM Borate and 150 mM Sodium Chloride

Preservative: None

Applications: Suitable for use in ELISA, Western Blot, CLIA, and Lateral Flow. 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.

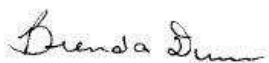
Recommended antibody pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
N01270M	N01269H

Storage: Short term storage, store at $\leq -15^{\circ}\text{C}$. Long term storage, store at $\leq -65^{\circ}\text{C}$.

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

Quality Signature:



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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY