

# Anti-D-Dimer Detection Antibody

CATALOG NO.: A2091-100 (100 µg)

**BACKGROUND DESCRIPTION:** D-dimer is a protein fragment that is used as a biomarker to assess the activation of haemostatic system and fibrinolysis. This protein is formed as a consequence of enzymatic degradation of cross-linked fibrin by plasmin. D-dimer levels are elevated in the plasma after clot formation, at a concentration of  $\leq 500$  ng/ml, which is normal in healthy individuals. High levels of D-dimer ( $\geq 500$  ng/ml) are present during cancer, infectious diseases, trauma, surgery and pregnancy. D-dimers are also used to assess deep vein thrombosis and pulmonary embolism in patients.

**ANTIBODY TYPE:** Monoclonal

**HOST/ISOTYPE:** Mouse/IgG

**IMMUNOGEN:** Recombinant D-dimer

**PURIFICATION:** Protein A purified

**FORM:** Liquid

**FORMULATION:** In 10 mM PBS, pH 7.4, 0.02% Proclin 300

**SPECIFICITY:** Human D-dimer

**STORAGE CONDITIONS:** Short Term 2-8°C, Long Term -20°C. Avoid freeze/thaw cycles

**APPLICATIONS AND USAGE:** ELISA, CLIA, Lateral Flow

**Note:** This product is not for diagnostic purposes. It is the sole responsibility of the user to assume care, control and custody of the material, and ensure appropriate disposal, as per all regulations.

**RELATED PRODUCTS:**

Plasmin Antibody (6964)  
 Plasminogen Antibody (7014)  
 Aprotinin Antibody (7007)  
 Anti-Fibrinogen Antibody (A1708)

**FOR RESEARCH USE ONLY! Not to be used on humans.**