

D-Dimer antibody [DD4]

Cat. No. GTX10054

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ELISA, Immunoassay, Sandwich ELISA
Reactivity	Human

References (2)

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent
Immunoassay	Assay dependent
Sandwich ELISA	Assay dependent

Note : Immunoassays for the quantitative determination of D-dimer and high molecular weight fibrin degradation products.

Capture : GTX10052 ; Detection : GTX10054, Due to the cross-reactivity of DD4 with fibrinogen, we strongly recommend to use it as the detection antibody. In a sandwich immunoassay, plasma must be diluted at least two-fold with 10 mM Tris-HCl, pH 7.5, 1 M NaCl, 0.1 % Tween 20 in order to avoid nonspecific binding. Each step in the assay should be followed by an incubation and wash: coating with the capture antibody, addition of the sample, and addition of the detection antibody.

Not tested in other applications.

Product Note This antibody recognize D-dimer and high molecular weight fibrin degradation products. It does not cross-react with fibrinogen.

Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	High molecular weight fibrin degradation products or synthetic peptides covering the cross-linked region of D-dimer gamma-chain.
Purification	Protein A purified



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Conjugation

Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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