

D-Dimer antibody [DD2]

Cat. No. GTX10052

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

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 : GTX05174 / GTX43438 or 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.

Please notice that the detected antibody needs to be conjugated to HRP to function as the detection antibody when paired with the capture antibody.

Please contact us for custom HRP-conjugated 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.)



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Immunogen	High molecular weight fibrin degradation products or synthetic peptides covering the cross-linked region of D-dimer gamma-chain.
Purification	Protein A purified
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



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