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Datasheet for ABIN191194
anti-D-Dimer (+ Fibrinogen) antibody

Overview

Quantity:	1 mg
Target:	D-Dimer (+ Fibrinogen)
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	ELISA (Detection), ELISA, Western Blotting (WB)

Product Details

Clone:	DD-4
Isotype:	IgG2b
Specificity:	All MAbs recognized D-dimer and high molecular weight fibrin degradation products with different specificities. MAb DD93 recognizing a cross-linked region of D-Dimer. s DD1 DD2 DD3 DD22 DD41 DD44 DD46 DD93 No cross-reaction with fibrinogen and D-monomer DD4 DD5 DD6 Cross-reaction with fibrinogen, Low cross-reaction with D-monomer IgG1 for MAb DD93 IgG2a for MAbs DD1, DD6, DD22, DD41, and DD46 IgG2b for MAbs DD2, DD3, DD4, DD5 and DD44
Purification:	Purified

Target Details

Target:	D-Dimer (+ Fibrinogen)
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Application Details

Application Notes: D-dimer and high molecular weight fibrin degradation products immunoassay. All antibodies recognize D-dimer in ELISA. All MAbs recognize D-dimer in Western blotting under non-reducing conditions. MAbs DD22, DD41, DD44, DD46 interact with β -chain of D-dimer in Western blotting under reducing conditions. Recommended pairs to be used in a one-step sandwich immunoassay for D-dimer detection in human plasma (coating – conjugate): DD2 – DD41 and DD2 – DD44. Recommended pairs to be used in two-step sandwich immunoassay for D-dimer detection in human plasma (coating – detection)*: DD1 – DD6, DD1 – DD4, DD1 – DD5, DD3 – DD4, DD3 – DD6, DD2 – DD6, DD2 – DD4 and DD2 – DD5 *To be analyzed in a two-step sandwich immunoassay, plasma must 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 must be 0.5 M or more.

Restrictions: For Research Use only

Handling

Buffer: PBS, pH 7.4, 0.1 % sodium azide (NaN₃) Material safety note: This product is sold as an antibody preparation for research use only. Standard Laboratory Practices should be followed when handling this material. Contains sodium azide (0.1 %) as preservative

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C