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PRODUCT DATASHEET

Anti-D-Dimer Antibody

Product Details

Available Variants	100 uL (SKU:ABS 015-22-010) 400 uL (SKU:ABS 015-22-04) 1000 uL (SKU:ABS 015-22-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	22
Gene Name	FGA, FGB, FGG
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, WB
Species Reactivity	Canine, Human
Immunogen	Purified human D-dimer
Specificity	ABS 015-22 binds human D-dimer. Cross-reacts < 2% with directly coated D-monomer but not with directly coated fibrinogen. When tested in a pair with itself, with ABS 015-28 and with a fibrinogen-specific polyclonal antibody, the epitope appears to relate to the dimerization site of D-dimer.
Molecular Weight	180 kDa
Storage	2-8°C without exposure to light
UniProt ID	P02671, P02675, P02679 UniProt Summary: Cleaved by the protease thrombin to yield monomers which, together with fibrinogen beta (FGB) and fibrinogen gamma (FGG), polymerize

	to form an insoluble fibrin matrix. Fibrin has a major function in hemostasis as one of the primary components of blood clots. In addition, functions during the early stages of wound repair to stabilize the lesion and guide cell migration during re-epithelialization. Was originally thought to be essential for platelet aggregation, based on in vitro studies using anticoagulated blood. However, subsequent studies have shown that it is not absolutely required for thrombus formation in vivo. Enhances expression of SELP in activated platelets via an ITGB3-dependent pathway. Maternal fibrinogen is essential for successful pregnancy. Fibrin deposition is also associated with infection, where it protects against IFNG-mediated hemorrhage. May also facilitate the immune response via both innate and T-cell mediated pathways. {ECO:0000250|UniProtKB:E9PV24}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	2243

Product Images



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