

Anti-D-dimer (human, dog)

CAT. NO. ABS 015-22

OVERVIEW

Product Name	Anti-D-dimer (human, dog)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	22
Tested Applications	ELISA, WB		

SPECIFICITY

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.		
Immunogen	Purified human D-dimer	Gene ID	2243, 475473
Target	D-dimer is a fibrin degradation product, a small protein fragment present in the blood after a blood clot is degraded by fibrinolysis.		
Species Reactivity	Human, Dog	Species Reactivity	Not determined
POSITIVE		NEGATIVE	

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL \pm 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	ABS 015-22 binds free D-dimer in solution. ABS 015-022 works as a capture antibody in sandwich ELISA with biotinylated ABS 015-22 or ABS 015-28 as a detection antibody. Biotinylated ABS 015-22 works as a detection antibody in sandwich ELISA for D-dimer with itself (ABS 015-22) or ABS 015-28 as a capture antibody. The combination with ABS 015-28 as a capture antibody and ABS 015-22B as a detection antibody is recommended.
WB	Due to reducing conditions in Western blotting ABS 015-22 binds the alpha-chain (12kDa) of D-Dimer, and not the entire D-Dimer complex.

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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