

Anti-D-dimer (human, dog)
Mouse monoclonal antibody
ABS 015-22

Subclass: IgG1/k
Clone: 22

CAT. NO.

SPECIFICITY	ABS 015-22 binds human D-dimer. Cross-reacts < 2% with directly coated D-monomer but not with directly coated fibrinogen.
IMMUNOGEN	Purified human D-dimer
TESTED APPLICATIONS	ELISA, WB
SPECIES REACTIVITY (POSITIVE)	Human, dog
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	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.

PRESENTATION

Content:	Available in 400 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION

ELISA: ABS 015-22 binds free D-dimer in solution.
ABS 015-022 works as capture antibody in sandwich ELISA with biotinylated ABS 015-22 or ABS 015-28 as detection antibody.
Biotinylated ABS 015-22 works as detection antibody in sandwich ELISA for D-dimer with itself (ABS 015-22) or ABS 015-28 as capture antibody.
The combination with ABS 015-28 as capture antibody and ABS 015-22B as 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.

TARGET

D-dimer is a fibrin degradation product, a small protein fragment present in the blood after a blood clot is degraded by fibrinolysis.

REFERENCES

CONDITIONS

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