

**Anti-D-dimer (human, dog)**

**Mouse monoclonal antibody**

Subclass: IgG1/k

CAT. NO.

**ABS 015-28**

Clone: 28

SPECIFICITY	ABS 015-28 binds human D-dimer. Cross-reacts 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 015-22 and a fibrinogen-specific polyclonal antibody, the epitope appears to relate to the neo-epitope formed by cleavage of D-dimer from fibrin.

**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 015-028 binds free D-dimer in solution.  
 ABS 015-028 works as capture antibody in sandwich ELISA with biotinylated ABS 015-28 or ABS 015-22 as detection antibody.  
 Biotinylated ABS 015-028 works as detection antibody in sandwich ELISA with 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 015-28 binds the beta-chain (40kDa) 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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