

Human Protein S mouse monoclonal antibody (clone 7E9-9F)

Catalog PODI-0090

Product specification sheet PS-PAb0090

Product description

Protein S is a vitamin K-dependent coagulation factor involved in the regulation of the anticoagulant activity of activated protein C. Anti-Protein S antibody clone 7E9 binds to an epitope within the third and fourth EGF-like region of the protein, in a calcium independent manner [1]. This antibody is thus useful for the detection of thrombin cleaved Protein S. For immunoblotting experiments, the sample should be reduced for higher sensitivity

Product type:	Primary antibodies
Clone number:	7E9, subclone 9F
Immunogen:	Purified human Protein S
Reacts with:	Human
Tested applications:	ELISA, WB, Immunopurification
Raised in:	Mouse
Purity:	GammaBind Plus sepharose purified, >95%
Isotype:	IgG1
Light chain type:	Kappa
Storage buffer:	PBS
Form:	Liquid
Concentration:	0.5 mg/ml

Storage and stability

Store at 4 °C, short term (1-2 weeks). For long-term storage, aliquot and keep at or below -20° C. Avoid repeated freeze-thaw cycles

References

- [1] Hackeng TM, Hessian M, van 't Veer C, Meijer-Huizinga F, Meijers JC, de Groot PG, van Mourik JA, Bouma BN. Protein S binding to human endothelial cells is required for expression of cofactor activity for activated protein C. *J Biol Chem*. 1993
- [2] Dahlbäck B. The protein C anticoagulant system: inherited defects as basis for venous thrombosis. *Thromb Res*. 1995 Jan 1;77(1):1-43.

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