

Product datasheet for TA420142

F7 Mouse Monoclonal Antibody [Clone ID: RFF-VII/1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RFF-VII/1
Applications:	ELISA, R, WB
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified human factor VII.
Specificity:	FACTOR VII
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: Purified State: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	coagulation factor VII
Database Link:	P08709



Background:

Mouse anti Human Factor VII antibody, clone RFF-VII/1 recognizes Factor VII, a serine protease found circulating in the blood. It initiates the extrinsic pathway of blood coagulation in conjunction with tissue factor. Tissue factor is found on the outside of blood vessels. When the vessels is damaged, tissue factor is exposed to the blood and circulating Factor VII. Once bound to tissue factor, Factor VII is activated by different proteases and converts Factor IX to IXa. Factor VII deficiency (FA7D) is a rare hereditary haemorrhagic disease. Symptoms range from mild to severe. Clone RFF-VII/1 is a strong inhibitor of Factor VII activity. It may be used to detect Factor VII in immunoassays in combination with Mouse anti Human Factor VII antibody, clone RFF-VII/2 (MCA4680) as a capture reagent.

Synonyms:

Proconvertin; SPCA