

# Anti-Human Factor V

## Monoclonal 0.50 mg

Ref#: MABHF5  
Lot#: Sample  
Exp. Date: Sample

Store at -20°C

For Research Use Only  
Not for Use in Diagnostic Procedures  
For *in vitro* use only



<b>Immunogen:</b>	Human Factor V (from human plasma)
<b>Format:</b>	Monoclonal antibody purified by protein G affinity chromatography from cell supernatant. Lyophilized in 10 mM sodium phosphate, 150 mM NaCl, 0.01 % sodium azide, pH 7.4
<b>Clone ID#:</b>	044
<b>Storage:</b>	Store unopened vial at -20°C until its expiration date. Reconstitute with aqua dest to the original volume (0.50 mL) and freeze aliquots at -20°C or below. Avoid freeze/thaw cycles. Expires 2 years after reconstitution.
<b>Total Protein:</b>	0.50 mg
<b>Applications:</b>	For Research Use Only. Not for Use in Diagnostic Procedures. For <i>in vitro</i> use only
<b>Volume:</b>	1 vial containing 0.50 mL monoclonal anti-human FV
<b>Concentration:</b>	1 mg/mL
<b>Specificity:</b>	Binds human factor V in solid phase ELISA, blots factor V and factor Va heavy chain.

Coagulation Factor V (FV) is a 320 kDa glycoprotein synthesized in the liver. Factor V is activated through limited proteolysis by thrombin or by factor Xa in the presence of phospholipids. Factor V may also be activated to factor Va by plasmin, neutrophil elastase or platelet calpain. The activated FV is an essential cofactor of the prothrombin activator complex, which consists of factor Va, factor Xa, calcium and anionic phospholipid surface. The normal FV concentration in human plasma is about 10 µg/mL.