

Anti-Human Factor VIII

Monoclonal 0.50 mg

Ref#: MAB-HF8
Lot#: xxxxxx
Exp. Date: xxxx-xx



Store at -20°C

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

Immunogen:	Human Factor VIII (from human plasma)
Format:	Monoclonal antibody purified by protein G affinity chromatography from cell supernatant. Lyophilized in 20 mM sodium phosphate, 150 mM NaCl, 1% Mannitol, pH 7.2
Clone ID#:	014
Storage:	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.
Total Protein:	0.50 mg
Volume:	1 vial containing 0.50 mL monoclonal anti-human FVIII
Concentration:	1 mg/mL
Specificity:	Binds human factor VIII and VIIIa in solid phase ELISA. Antibody binds human factor VIII A2 domain in immunoblotting techniques.

Coagulation Factor VIII (FVIII) is a 320 kDa glycoprotein synthesized in the liver. Factor VIII is stabilized by von Willebrand Factor (vWF). Thrombin-activated FVIII dissociates from vWF and combines with FIXa, calcium and phospholipids a cofactor in the assembly of the FX activator complex. The normal Factor VIII concentration in human plasma is about 200 ng/mL.