

## F8

### Rat Anti-Mouse Factor VIII Clone AMVIII-9035 mAb

<b>Catalog No.</b>	CSI19871A	<b>Quantity:</b>	0.1 mg
	CSI19871B		0.5 mg

**Alternate Names:** AHF, HEMA, FVIII

**Description:** Factor VIII (FVIII) is an essential blood clotting factor also known as Anti-Hemophilic Factor (AHF). In humans, Factor VIII is encoded by the *F8* gene. Defects in this gene results in Hemophilia A, a well known recessive X-linked coagulation disorder. F8 participates in blood coagulation; it is a cofactor for Factor IXa which, in the presence of Ca<sup>2+</sup> and phospholipids forms a complex that converts Factor X to the activated form Xa. The Factor VIII gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand Factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of Factor VIIIc. This binding domain is essential for coagulant activity.

**Concentration:** 5.0 mg/mL

**Specificity:** Recombinant Mouse Factor VIII in ELISA and Recombinant Mouse Factor VIII non-reduced in Western Blot. Native Mouse and Human Factor VIII have not been tested.

**Host:** Rat

**Clone:** AMVIII-9035

**Formulation:** Rat Ascites + 50% Glycerol

**Storage & Stability:** Store at -20°C. Ship on ice pack.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

