

Mouse Monoclonal Antibody to FGB

Catalogue Number	sAP-0288
Target Molecule	<p>Name: FGB</p> <p>Aliases: fibrinogen beta chain</p> <p>MW: 52kDa</p> <p>Entrez Gene ID: 2244</p>
Description	Fibrinogen beta chain, also known as FGB, is a gene found in humans and most other vertebrates with a similar system of blood coagulation. It is the beta component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including afibrinogenemia, dysfibrinogenemia, hypodysfibrinogenemia and thrombotic tendency.
Immunogen	Purified recombinant fragment of human FGB (aa30-300) expressed in E. Coli.
Recombinant Species	Human
Clone	MM1F9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Blood. 2003 Dec 15;102(13):4413-5. ; 2. Arterioscler Thromb Vasc Biol. 2008 Apr;28(4):758-63.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**