

Mouse Monoclonal Antibody to ITGA2B

Catalogue Number	sAP-1011
Target Molecule	Name: ITGA2B Aliases: GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2 MW: 113.4kDa Entrez Gene ID: 3674
Description	ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling. ;
Immunogen	Purified recombinant fragment of human ITGA2B (AA: 45-149) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2E10C9;
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; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Pediatr Blood Cancer. 2012 Aug;59(2):335-8. ; 2. Blood. 2011 Dec 1;118(23):5996-6005. ;

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**