

## Mouse Monoclonal Antibody to ITGB1

<b>Catalogue Number</b>	sAP-0682
<b>Target Molecule</b>	<b>Name:</b> ITGB1 <b>Aliases:</b> CD29; FNRB; MDF2; VLAB; GPIIA; MSK12; VLA-BETA <b>MW:</b> 88.4kDa <b>Entrez Gene ID:</b> 3688
<b>Description</b>	Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.
<b>Immunogen</b>	Purified recombinant fragment of human ITGB1 expressed in E. Coli. ;
<b>Reactive Species</b>	Human; Monkey
<b>Clone</b>	MM3B6;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	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
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	Int J Oncol. 2009 Dec;35(6):1441-7 ; J Cell Physiol. 2010 Jan;222(1):156-67 ;

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**