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Product datasheet for SM2240F

CD61 / ITGB3 Hamster Monoclonal Antibody [Clone ID: HM beta 3.1]

Product data:

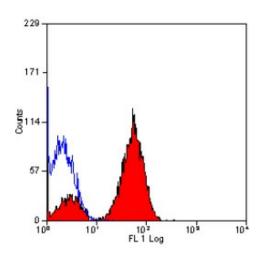
Clone Name:HM beta 3.1Applications:FCRecommended Dilutio:Flow Cytometry (Neat-11/0): Use 10 µl of of the suggested working dilution to label 106 cfells expressing low affinity for receptors.Reactivity:Mouse, RatHost:HamsterIsotype:IgGClonality:Mouse alpha 5 beta 3 protein purified from the mouse hybridoma 2B4. Spleen cells from immunised Armenian hamsters were fused with cells of the P3U1 mouse myeloma cell line.Specificity:This antibody recognises the integrin beta 3 subunit (CD61). Clone HM beta 3-1 is reported to partially inhibit the binding of CD61 to fibronectin. Were recommend the use of SM2240LE for this purpose.Formulation:PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: FITC State: Liquid purified IgG fraction. Label: FIUC State: Liquid p
Precommended Dilution:Flow Cytometry (Neat-1/10): Use 10 µl of of the suggested working dilution to label 10e6 cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.Reactivity:Mouse, RatHost:HamsterIsotype:IgGClonality:MonoclonalImmunogen:Mouse alpha 5 beta 3 protein purified from the mouse hybridoma 2B4. Spleen cells from immunised Armenian hamsters were fused with cells of the P3U1 mouse myeloma cell line.Specificity:This antibody recognises the integrin beta 3 subunit (CD61). Clone HM beta 3-1 is reported to partially inhibit the binding of CD61 to fibronectin. We recommend the use of SM2240LE for this purpose.Formulation:PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: FILO State: Liquid purified IgG fraction. Label: FILOConcentration:Iot specific
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Purification: Affinity Chromatography on Protein G.
Conjugation: FITC
Storage:Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.This product is photosensitive and should be protected from light.Avoid repeated freezing and thawing.
Stability:Shelf life: one year from despatch.
Gene Name: integrin beta 3



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	CD61 / ITGB3 Hamster Monoclonal Antibody [Clone ID: HM beta 3.1] – SM2240F
Database Link:	<u>Entrez Gene 16416 Mouse</u> <u>O54890</u>
Background:	CD61 is a 90kD a type I membrane protein, which is expressed primarily on megakaryocytes, platelets, monocytes, macrophages, granulocytes and endothelial cells. CD61 associates with either the alpha IIb integrin (CD41) or the alpha V integrin (CD51) to form the platelet glycoprotein complex IIb/IIIa and the vitronectin receptor (VNR) respectively. The heterodimers formed with CD61 are receptors for a variety of ligands including fibrinogen, fibronectin, von Willebrands factor (vWF), vitronectin and thrombospondin.
Synonyms:	Integrin beta-3, GP3A, GPIIIa

Product images:



Staining of mouse peripheral blood platelets with HAMSTER ANTI MOUSE CD61:FITC (SM2240F).

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