

Product datasheet for **SM2100PS**

CD49e / ITGA5 Rat Monoclonal Antibody [Clone ID: MFR5 (5H10)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MFR5 (5H10)
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/10-1/25 diluted antibody to label 10e6 cells in 100 µl. Immunohistochemistry on Frozen Sections.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse MC/9 cell line. Spleen cells from immunised Lewis rats were fused with cells of the Murine P3X63Ag8.653
Specificity:	This antibody recognises murine integrin alpha 5 (CD49e), which associates with the beta 1 integrin (CD29) to form the fibronectin receptor CD49e/CD29 (VLA-5). Clone MFR5(5H10) has been reported to block CD49e mediated function. We recommend the use of SM2100LE for this purpose.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin alpha 5 (fibronectin receptor alpha)
Database Link:	Entrez Gene 16402 Mouse P11688

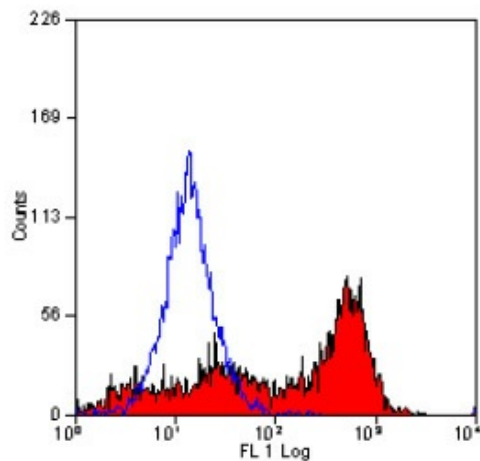


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Background: VLA-5 plays an important role in cell adhesion and migration and is expressed by mast cells, thymocytes, Tcells and monocytes.

Synonyms: Integrin alpha-5, Fibronectin receptor subunit alpha, Integrin alpha-F, VLA-5, VLA5, FNRA

Product images:



Staining of mouse peripheral blood lymphocytes with RAT ANTI MOUSE CD49e (SM2100PS and [SM2100PT]).