

Product datasheet for **SM1122R**

Integrin alpha 1 (ITGA1) Mouse Monoclonal Antibody [Clone ID: TS2/7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	TS2/7
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of Neat-1/10 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises alpha 1 integrin subunit, which forms the VLA-1 heterodimer in association with the beta 1 integrin.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with distilled water.
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G.
Conjugation:	PE
Storage:	Prior to and Following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! 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 subunit alpha 1
Database Link:	Entrez Gene 3672 Human P56199
Background:	VLA-1 is a receptor for collagen and laminin, and is expressed by chronically activated T cells, melanoma cells and smooth muscle cells.



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Synonyms: Integrin alpha-1, ITGA-1, VLA-1, VLA1