



Anti-ITGA3 monoclonal antibody, clone 17C6 [R-PE] (CABT-46309MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD49c antibody, clone 17C6 recognizes CD49c, a 150kDa cell surface antigen which is also known as the alpha-3 integrin and as VLA-3. CD49c is very weakly expressed on peripheral blood leucocytes and is not found on platelets. Epithelial cells and endothelial cells express significant levels of CD49c. Mouse anti Human CD49c antibody, clone 17C6 is routinely tested by flow cytometry on A431 epithelial cell cell line. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	ITGA3
Immunogen	CD49c transfected cell line
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	17C6
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected

from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ITGA3 integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor) [Homo sapiens (human)]
Official Symbol	ITGA3
Synonyms	ITGA3; integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor); VL3A; CD49C; GAPB3; ILNEB; MSK18; VCA-2; VLA3a; GAP-B3; integrin alpha-3; FRP-2; galactoprotein B3; VLA-3 subunit alpha; CD49 antigen-like family member C; antigen identified by
Entrez Gene ID	3675
Protein Refseq	NP_002195
UniProt ID	P26006
Chromosome Location	17q21.33
Pathway	Arf6 trafficking events; Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Basigin interactions; CXCR4-mediated signaling events; Cell surface interactions at the vascular wall; Dilated cardiomyopathy; ECM-receptor interaction;
Function	collagen binding; fibronectin binding; glycoprotein binding; integrin binding; laminin binding; metal ion binding; protease binding; protein binding; protein domain specific binding; protein heterodimerization activity;