



Anti-ITGA6 monoclonal antibody, clone 450-30A [R-PE] (CABT-46410MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD49f antibody, clone 450-30A recognizes the human VLA-6 cell surface antigen, also known as the alpha 6 integrin and as CD49f. CD49f is expressed by platelets, weakly by monocytes and by a subset of lymphocytes. CD49f is also widely expressed on epithelial tissues. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	ITGA6
Immunogen	Alpha 6 beta 4 integrin purified from A431 cells
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	450-30A
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	ITGA6 integrin, alpha 6 [Homo sapiens (human)]
Official Symbol	ITGA6
Synonyms	ITGA6; integrin, alpha 6; CD49f; VLA-6; ITGA6B; integrin alpha-6; integrin alpha6B; CD49 antigen-like family member F;
Entrez Gene ID	3655
Protein Refseq	NP_000201
UniProt ID	P23229
Chromosome Location	2q31.1
Pathway	Alpha6-Beta4 Integrin Signaling Pathway; Arf6 trafficking events; Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Assembly of collagen fibrils and other multimeric structures; Basigin interactions; CXCR4-mediated signaling events; Cell adhesion molecules (CAMs);
Function	integrin binding; laminin binding; metal ion binding; protein binding;