



# Anti-ITGA6 monoclonal antibody, clone 450-30A (CABT-46408MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	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.
<b>Specificity</b>	ITGA6
<b>Immunogen</b>	alpha 6 beta 4 integrin purified from A431 cells
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	450-30A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; FC; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">ITGA6 integrin, alpha 6 [ Homo sapiens (human) ]</a>
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	<a href="#">3655</a>
Protein Refseq	<a href="#">NP_000201</a>
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;