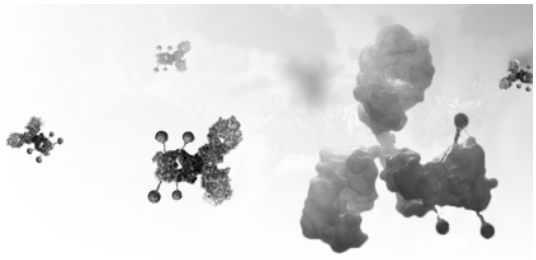

Anti-ITGB4 monoclonal antibody, clone 450-9D [FITC] (CABT-49618MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD104 antibody, clone 450-9D recognizes the human beta4 integrin, also known as CD104. CD104 is a 205kDa glycoprotein which associates with the alpha6 integrin to form the alpha6/beta4 complex. CD104 is expressed on epithelial cells, Schwann cells and various tumor cell lines. Mouse anti Human CD104 antibody, clone 450-9D recognizes an extracellular epitope on the CD104 molecule. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	ITGB4
Immunogen	Purified a6b4 integrin from A431 cells
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Ferret, Mustelid
Clone	450-9D
Conjugate	FITC
Applications	FC; IF
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody.

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

GENE INFORMATION

Gene Name	ITGB4 integrin, beta 4 [Homo sapiens (human)]
Official Symbol	ITGB4
Synonyms	ITGB4; integrin, beta 4; CD104; integrin beta-4; GP150; CD104 antigen; integrin beta-4 subunit;
Entrez Gene ID	3691
Protein Refseq	NP_000204
UniProt ID	P16144
Chromosome Location	17q25
Pathway	Alpha6-Beta4 Integrin Signaling Pathway; Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Assembly of collagen fibrils and other multimeric structures; Cell junction organization; Cell-Cell communication; Collagen formation; Dilated cardiomyopathy;
Function	G-protein coupled receptor binding; protein binding; receptor activity;

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