



# Anti-ITGB4 monoclonal antibody, clone 450-9D (CABT-49620MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	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 10 <sup>6</sup> cells in 100ul.
<b>Specificity</b>	ITGB4
<b>Immunogen</b>	Purified alpha6 beta4 integrin from A431 cells
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Ferret, Mustelid
<b>Clone</b>	450-9D
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; FC; IF; IP; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	200 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

## GENE INFORMATION

Gene Name	<a href="#">ITGB4 integrin, beta 4 [ Homo sapiens (human) ]</a>
Official Symbol	ITGB4
Synonyms	ITGB4; integrin, beta 4; CD104; integrin beta-4; GP150; CD104 antigen; integrin beta-4 subunit;
Entrez Gene ID	<a href="#">3691</a>
Protein Refseq	<a href="#">NP_000204</a>
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;