



Anti-Integrin Alpha 9 Beta 1 monoclonal antibody, clone Y9A2 (CABT-49625MH)

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

PRODUCT INFORMATION

Product Overview	This product is specific for Integrin alpha 9/ beta 1, a receptor for VCAM1, cytotactin and osteopontin. In functional applications this clone has been shown to cause 100% inhibition of $\alpha 9\beta 1$ -mediated adhesion to the third fibronectin type III repeat in tenascin at;10ug/ml.
Specificity	INTEGRIN ALPHA 9 BETA 1
Immunogen	Murine L cells transfected with human alpha-9 integrin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Guinea pig
Clone	Y9A2
Conjugate	Unconjugated
Applications	FC; FA; IP
Format	Purified IgG - liquid
Size	100 μ g
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. 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	ITGA9 integrin, alpha 9 [Homo sapiens (human)]
Official Symbol	ITGA9
Synonyms	ITGA9; integrin, alpha 9; RLC; ITGA4L; ALPHA-RLC; integrin alpha-9; integrin alpha-RLC; INTEGRIN ALPHA 9 BETA 1;
Entrez Gene ID	3680
Protein Refseq	NP_002198
UniProt ID	Q13797
Chromosome Location	3p21.3
Pathway	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Axon guidance; Cell adhesion molecules (CAMs); Developmental Biology; Dilated cardiomyopathy; ECM proteoglycans; ECM-receptor interaction;
Function	collagen binding; laminin binding; metal ion binding;