



# Anti-ITGA9 (aa 785-886) polyclonal antibody (DPAB-DC1739)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane glycoproteins composed of an alpha chain and a beta chain that mediate cell-cell and cell-matrix adhesion. The protein encoded by this gene, when bound to the beta 1 chain, forms an integrin that is a receptor for VCAM1, cytostatin and osteopontin. Expression of this gene has been found to be upregulated in small cell lung cancers.
<b>Immunogen</b>	ITGA9 (NP_002198, 785 a.a. ~ 886 a.a) partial recombinant protein with GST tag. The sequence is GESVDAANFIQLDDLECHFQPINITLQVYNTGPSTLPGSSVSISFPNRLSSGGAEMFHVQ EMVVGQEKGNCSFQKNPTPCIPQEQENIFHTIFAFFTKSGR
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ITGA9 integrin, alpha 9 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ITGA9
<b>Synonyms</b>	ITGA9; integrin, alpha 9; RLC; ITGA4L; ALPHA-RLC; integrin alpha-9; integrin alpha-RLC;
<b>Entrez Gene ID</b>	<a href="#">3680</a>
<b>Protein Refseq</b>	<a href="#">NP_002198</a>
<b>UniProt ID</b>	<a href="#">Q13797</a>
<b>Chromosome Location</b>	3p21.3
<b>Pathway</b>	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Cell adhesion molecules (CAMs); Developmental Biology
<b>Function</b>	collagen binding; laminin binding; metal ion binding;