



## Anti-ITGA11 (aa 793-893) polyclonal antibody (DPAB-DC1000)

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 proteins composed of an alpha chain and a beta chain. This protein contains an I domain, is expressed in muscle tissue, dimerizes with beta 1 integrin in vitro, and appears to bind collagen in this form. Therefore, the protein may be involved in attaching muscle tissue to the extracellular matrix. Alternative transcriptional splice variants have been found for this gene, but their biological validity is not determined.
<b>Immunogen</b>	ITGA11 (NP_001004439, 793 a.a. ~ 893 a.a) partial recombinant protein with GST tag. The sequence is LDARSDLPTAMEYCQRVLRKPAQDCSAYTLSFDTTVFIESTRQRVAVEATLENRGENAY STVLNISQSANLQFASLIQKEDSDGSIECVNEERRLQKQVC
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), 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="#">ITGA11 integrin, alpha 11 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ITGA11
<b>Synonyms</b>	ITGA11; integrin, alpha 11; HsT18964; integrin alpha-11;
<b>Entrez Gene ID</b>	<a href="#">22801</a>
<b>Protein Refseq</b>	<a href="#">NP_001004439</a>
<b>UniProt ID</b>	<a href="#">B3KTN6</a>
<b>Chromosome Location</b>	15q23
<b>Pathway</b>	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Dilated cardiomyopathy; ECM-receptor interaction.
<b>Function</b>	collagen binding; metal ion binding;

---