



Rabbit Anti-Integrin alpha 9 antibody

SL16612R

Product Name:	Integrin alpha 9
Chinese Name:	整合素 α 9抗体
Alias:	Alpha RLC; Alpha RLC; Integrin alpha 4 like; Integrin alpha RLC; Integrin alpha-9; Integrin alpha-RLC; ITA9 HUMAN; ITGA 4L; ITGA 9; ITGA4L; ITGA9; RLC.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	112kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Integrin alpha 9:51-150/1035<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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, cytotoxin and osteopontin. Expression of this gene has been found to be upregulated in small cell lung cancers. [provided by

RefSeq, Jul 2008]

Function:

Integrin alpha-9/beta-1 is a receptor for VCAM1, cytotoxin and osteopontin. It recognizes the sequence A-E-I-D-G-I-E-L in cytotoxin.

Subcellular Location:

Membrane.

Tissue Specificity:

In airway epithelium, in the basal layer of squamous epithelium, and in smooth muscle, skeletal muscle, and hepatocytes. Abundantly expressed in fetal lung and lung cancers.

Similarity:

Belongs to the integrin alpha chain family.
Contains 7 FG-GAP repeats.

SWISS:

Q13797

Gene ID:

3680

Database links:

[Entrez Gene: 3680](#) Human

[Entrez Gene: 104099](#) Mouse

[Entrez Gene: 685004](#) Rat

[Omir: 603963](#) Human

[SwissProt: Q13797](#) Human

[Unigene: 113157](#) Human

[Unigene: 335520](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.