



Rabbit Anti-Integrin beta 8 antibody

SL16615R

Product Name:	Integrin beta 8
Chinese Name:	整合素β8抗体
Alias:	Integrin beta-8; ITB8 HUMAN; ITGB 8; ITGB8.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Rabbit,
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:	81kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Integrin beta 8:301-400/769<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 is a member of the integrin beta chain family and encodes a single-pass type I membrane protein with a VWFA domain and four cysteine-rich repeats. This protein noncovalently binds to an alpha subunit to form a heterodimeric integrin complex. In general, integrin complexes mediate cell-cell and cell-extracellular matrix interactions and this complex plays a role in human airway epithelial proliferation. Alternatively spliced variants which encode different protein isoforms have been described; however,

not all variants have been fully characterized. [provided by RefSeq, Jul 2008]

Function:

Integrin alpha-V/beta-8 is a receptor for fibronectin.

Subcellular Location:

Membrane.

Tissue Specificity:

Placenta, kidney, brain, ovary, uterus and in several transformed cells. Transiently expressed in 293 human embryonic kidney cells.

Similarity:

Belongs to the integrin beta chain family.
Contains 1 VWFA domain.

SWISS:

P26012

Gene ID:

3696

Database links:

[Entrez Gene: 3696](#) Human

[Entrez Gene: 536286](#) Cow

[Entrez Gene: 475253](#) Dog

[Entrez Gene: 320910](#) Mouse

[Entrez Gene: 100037284](#) Pig

[Entrez Gene: 100009141](#) Rabbit

[Entrez Gene: 362800](#) Rat

[Omim: 604160](#) Human

[SwissProt: P26012](#) Human

[SwissProt: P26013](#) Rabbit

[Unigene: 592171](#) Human

Important Note:

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

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