

## Cleaved Integrin $\alpha 5$ LC (Glu895) Rabbit pAb

CatalogNo: YC0089

Orthogonal Validated 

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human,Rat,Mouse,

**Applications**

- WB,ELISA

**MW**

- 18kD (Observed)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000****ELISA 1:20000****Not yet tested in other applications.**

### Storage

**Storage\***

-15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality**

Polyclonal

### Immunogen Information

**Immunogen**

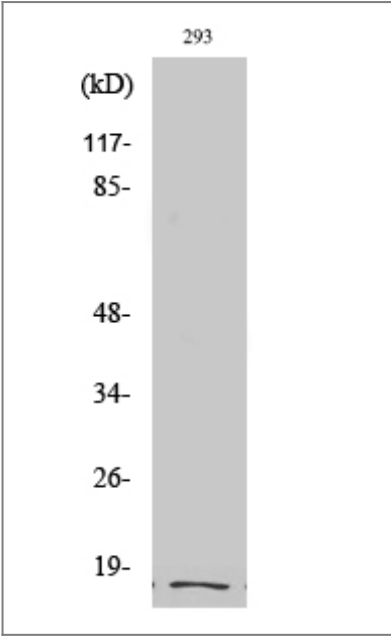
The antiserum was produced against synthesized peptide derived from human ITGA5. AA range:876-925

**Specificity**Cleaved-Integrin  $\alpha 5$  LC (E895) Polyclonal Antibody detects endogenous levels of fragment of activated Integrin  $\alpha 5$  LC protein resulting from cleavage adjacent to E895.

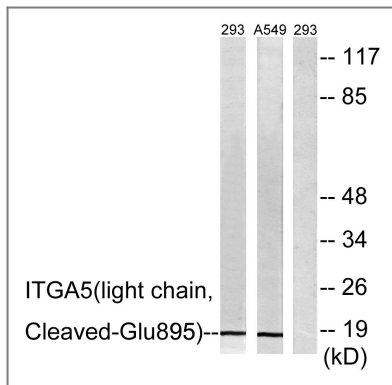
### Target Information

Gene name	ITGA5		
Protein Name	Integrin alpha-5		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">3678</a> ;	<a href="#">P08648</a> ;
	Mouse		<a href="#">P11688</a> ;
Cellular Localization	Membrane; Single-pass type I membrane protein. Cell junction, focal adhesion . Cell surface .		
Tissue specificity	Liver,Placenta,		
Function	Function:Integrin alpha-5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. The alpha subunit is composed of an heavy and a light chain linked by a disulfide bond. Alpha-5 associates with beta-1. Interacts with HPS5 and NISCH. Interacts with HIV-1 Tat. Interacts with RAB21.,		

Validation Data



Western Blot analysis of various cells using Cleaved-Integrin α5 LC (E895) Polyclonal Antibody



Western blot analysis of lysates from 293 and A549 cells, treated with etoposide 25uM 1h, using ITGA5 (light chain, Cleaved-Glu895) Antibody. The lane on the right is blocked with the synthesized peptide.

## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
 Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
 Telephone: 877-594-3616 (Toll Free), 408-747-0185  
 Website: <http://www.immunoway.com>  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:

**Cleaved Integrin  $\alpha 5$  LC (Glu895) Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)