



# Integrin $\beta$ 5 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-17035                                                                                                                                                                                                                                                                                                                      |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                             |
| Reactivity         | Human;Mouse;Rat;Monkey                                                                                                                                                                                                                                                                                                          |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                        |
| Gene Name          | ITGB5                                                                                                                                                                                                                                                                                                                           |
| Protein Name       | Integrin beta-5                                                                                                                                                                                                                                                                                                                 |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human Integrin beta5. AA range:721-770                                                                                                                                                                                                                      |
| Specificity        | Integrin $\beta$ 5 Polyclonal Antibody detects endogenous levels of Integrin $\beta$ 5 protein.                                                                                                                                                                                                                                 |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                         |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                          |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                           |
| Dilution           | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                                                                                                             |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                         |
| Purity             | $\geq 90\%$                                                                                                                                                                                                                                                                                                                     |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                    |
| Synonyms           | ITGB5; Integrin beta-5                                                                                                                                                                                                                                                                                                          |
| Observed Band      | 88kD                                                                                                                                                                                                                                                                                                                            |
| Cell Pathway       | Membrane; Single-pass type I membrane protein.                                                                                                                                                                                                                                                                                  |
| Tissue Specificity | Brain,Kidney,Thymic epithelium,                                                                                                                                                                                                                                                                                                 |
| Function           | function:Integrin alpha-V/beta-5 is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand.,similarity:Belongs to the integrin beta chain family.,similarity:Contains 1 PSI domain.,similarity:Contains 1 VWFA domain.,subunit:Heterodimer of an alpha and a beta subunit. Beta-5 associates with alpha-V., |
| Background         | function:Integrin alpha-V/beta-5 is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand.,similarity:Belongs to the integrin beta chain family.,similarity:Contains 1 PSI domain.,similarity:Contains 1 VWFA domain.,subunit:Heterodimer of an alpha and a beta subunit. Beta-5 associates with alpha-V., |

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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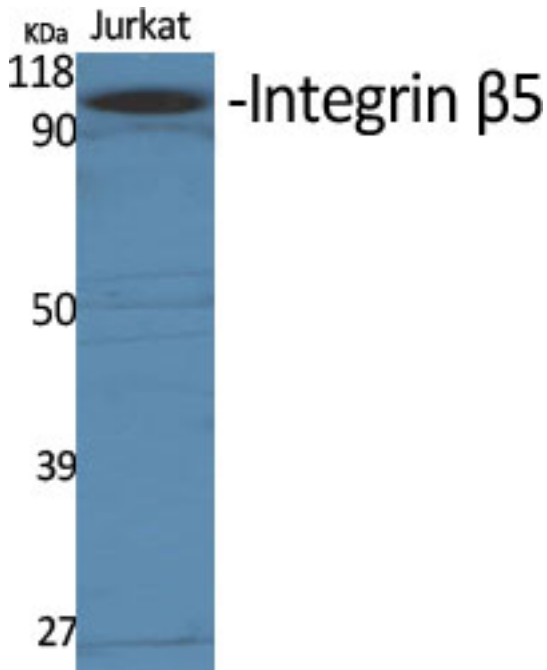
网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

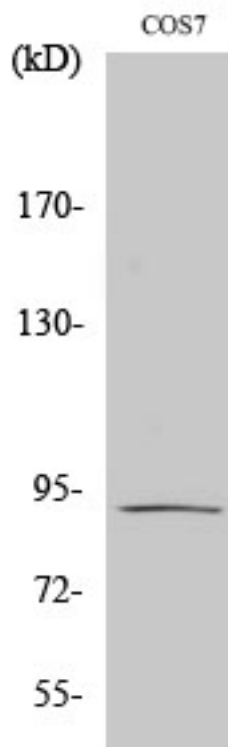
监督电话: 15950492658



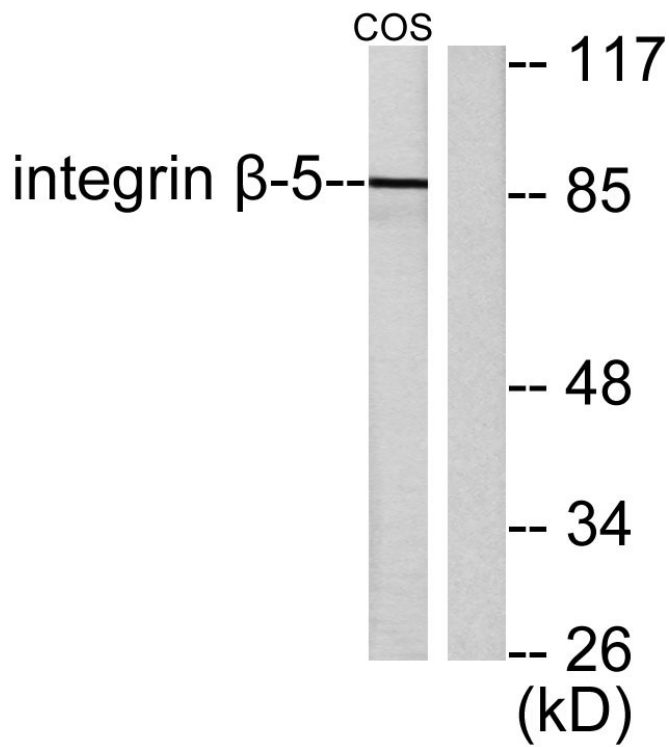
## Products Images



Western Blot analysis of various cells using Integrin  $\beta 5$   
Polyclonal Antibody diluted at 1:1000



Western Blot analysis of COS7 cells using Integrin  $\beta 5$   
Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from COS7 cells, using Integrin beta5 Antibody. The lane on the right is blocked with the synthesized peptide.