



# Integrin $\beta$ 5 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-17035                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>                  | Human;Mouse;Rat;Monkey                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                   | ITGB5                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human Integrin beta5. AA range:721-770                                                                                                                                                                                                                      |
| <b>Specificity</b>                 | Integrin $\beta$ 5 Polyclonal Antibody detects endogenous levels of Integrin $\beta$ 5 protein.                                                                                                                                                                                                                                 |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                         |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                           |
| <b>Dilution</b>                    | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | $\geq 90\%$                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>                    | FLJ26658;Integrin beta-5;Integrin subunit beta 5;integrin;beta 5;ITB5_HUMAN;Itgb5;Testis secretory sperm-binding protein Li 217p;Integrin $\beta$ 5                                                                                                                                                                             |
| <b>Observed Band</b>               | 88kD                                                                                                                                                                                                                                                                                                                            |
| <b>Calculated Molecular Weight</b> | 88kD                                                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>                | Membrane; Single-pass type I membrane protein.                                                                                                                                                                                                                                                                                  |
| <b>Tissue Specificity</b>          | Brain,Kidney,Thymic epithelium,                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>                    | 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., |
| <b>Background</b>                  | 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.,

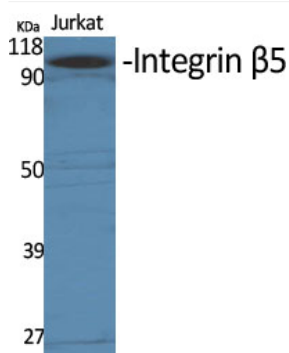
**matters needing attention**

Avoid repeated freezing and thawing!

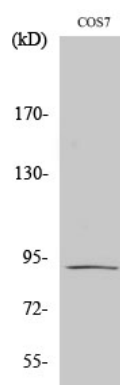
**Usage suggestions**

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

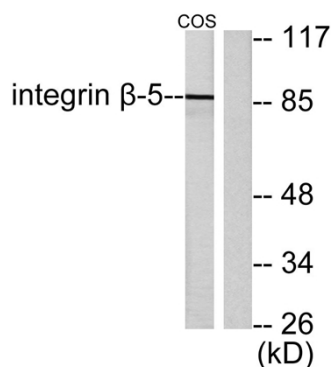
## Products Images



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.