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**Product Name: Integrin alpha 6 Rabbit Monoclonal Antibody****Catalog #: AMRe86732**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IHC   |
| <b>Reactivity</b>    | Human,Mouse,Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> |  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.  |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:500-1:2000,IHC 1:200-1:500            |
| <b>Molecular Weight</b> | Calculated MW:127 kDa; Observed MW:127 kDa |

**Antigen Information**

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | Integrin alpha 6                              |
| <b>Alternative Names</b> | CD49f; VLA-6; ITGA6B                          |
| <b>Gene ID</b>           | 3655  |
| <b>SwissProt ID</b>      | P23229  |
| <b>Immunogen</b>         | A synthetic peptide of human Integrin alpha 6 |

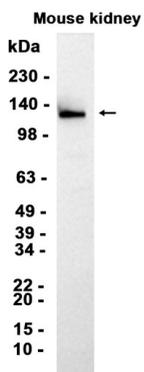
**Background**

The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded

preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 6 subunit. This subunit may associate with a beta 1 or beta 4 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. The alpha 6 beta 4 integrin may promote tumorigenesis, while the alpha 6 beta 1 integrin may negatively regulate erbB2/HER2 signaling. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse kidney tissue using Integrin alpha 6 Rabbit Monoclonal Antibody at 1:1000.