

## Recombinant ILK Monoclonal Antibody

catalog number: **AN301171L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

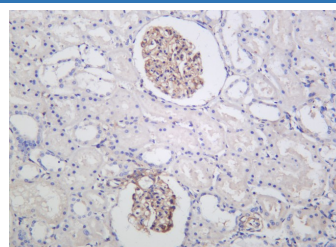
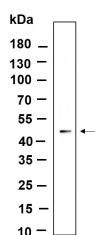
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human ILK protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	12F9
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

<b>IHC</b>	1:500-1:2000
<b>WB</b>	1:2000-1:10000

### Data



Western Blot with Recombinant ILK Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: C6 lysate.

Immunohistochemistry of paraffin-embedded human kidney using Recombinant ILK Monoclonal Antibody at dilution of 1:200.

**Observed-MW:51 kDa**  
**Calculated-MW:51 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

This gene encodes a protein with a kinase-like domain and four ankyrin-like repeats. The encoded protein associates at the cell membrane with the cytoplasmic domain of beta integrins, where it regulates integrin-mediated signal transduction. Activity of this protein is important in the epithelial to mesenchymal transition, and over-expression of this gene is implicated in tumor growth and metastasis. Alternative splicing results in multiple transcript variants.

### For Research Use Only

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