

## Recombinant E-Cadherin Monoclonal Antibody

catalog number: **AN301701L**

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

### Description

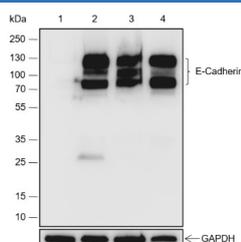
<b>Reactivity</b>	Human;Rat;Mouse
<b>Immunogen</b>	Recombinant human E-Cadherin fragment
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	A409
<b>Purification</b>	Protein A purified
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

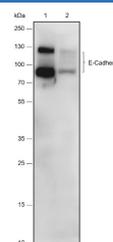
<b>WB</b>	1:2000-1:5000
<b>IP</b>	1:50-1:100

### Data



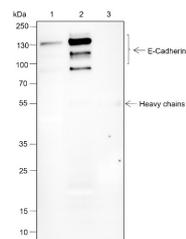
Western Blot with E-Cadherin Monoclonal Antibody at dilution of 1:5000. Lane 1: HeLa (Negative control), Lane 2: T-47D, Lane 3: MCF-7, Lane 4: HT-29

**Observed-MW:90-120 kDa**  
**Calculated-MW:97 kDa**



Western Blot with E-Cadherin Monoclonal Antibody at dilution of 1:5000. Lane 1: Mouse stomach, Lane 2: Rat stomach

**Observed-MW:90-120 kDa**  
**Calculated-MW:97 kDa**



Immunoprecipitation analysis using anti-E-Cadherin Monoclonal Antibody. Western blot was performed from the immunoprecipitate using E-Cadherin Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: E-Cadherin Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG

Isotype

**Observed-MW:90-120 kDa**  
**Calculated-MW:97 kDa**

### Preparation & Storage

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

### For Research Use Only

## Background

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells.

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