

## 35-1702: Polyclonal Antibody to E-Cadherin(CD324)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Rat,Mouse,Human
<b>Gene :</b>	CDH1
<b>Gene ID :</b>	999
<b>Uniprot ID :</b>	P12830
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CDH1, CDHE, UVO
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.864~868(E-W-G-N-R) derived from Human E-Cadherin.

### Description

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. Has a potent invasive suppressor role. It is a ligand for integrin  $\alpha$ -E/ $\beta$ -7. E-Cad/CTF2 promotes non-amyloidogenic degradation of A $\beta$  precursors. Has a strong inhibitory effect on APP C99 and C83 production.

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 135kd, Western blotting: 1:500~1:1000

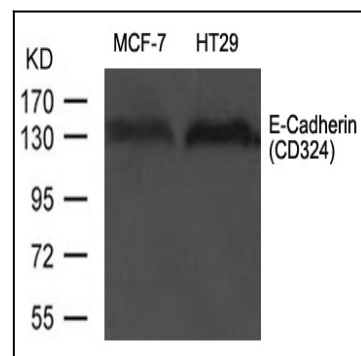


Figure 1: Western blot analysis of extract from MCF-7 and HT29 cells using E-Cadherin(CD324) Antibody 35-1702