

E Cadherin (Phospho-Ser838/Ser840) Rabbit mAb

Catalog No: #52693

Package Size: #52693-1 50ul #52693-2 100ul

Description

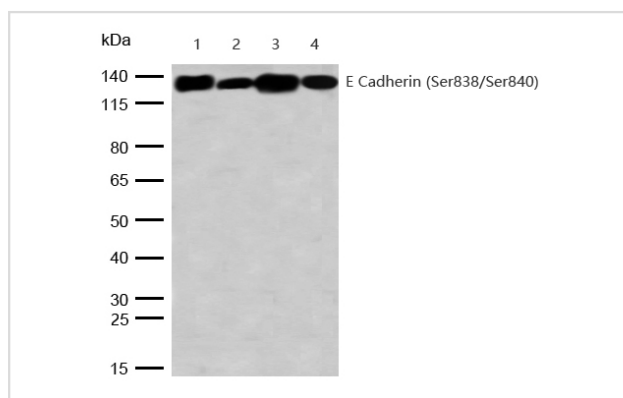
Product Name	E Cadherin (Phospho-Ser838/Ser840) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S03-3B3
Isotype	IgG
Purification	Affinity Purified
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic phosphopeptide corresponding to residues surrounding Ser838/Ser840 of human E Cadherin
Conjugates	Unconjugated
Modification	Phosphorylated
Other Names	UVO; CDHE; ECAD; LCAM; Arc-1; BCDS1; CD324
Accession No.	Swiss-Prot:P12830GenelD:999
Calculated MW	Predicted band size: 98 kDa
SDS-PAGE MW	Observed band size: 135 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

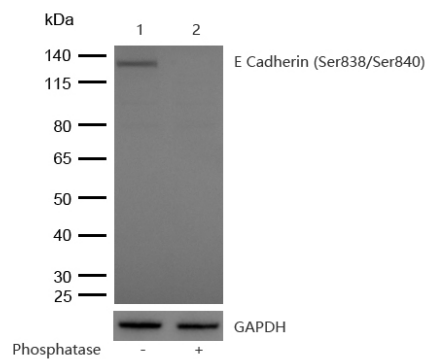
WB: 1:500-1:2000

IHC: 1:50-1:200

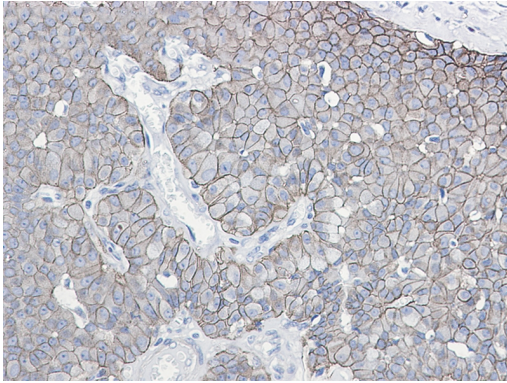
Images



All lanes : E Cadherin (Phospho-Ser838/Ser840) Rabbit mAb at 1/1k dilution
 Lane 1 : HepG2 whole cell lysates
 Lane 2 : U2OS whole cell lysates
 Lane 3 : U251 whole cell lysates
 Lane 4 : Lncap whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 98 kDa Observed band size: 135 kDa
 Exposure time: 5 seconds



All lanes : E Cadherin (Phospho-Ser838/Ser840) Rabbit mAb at 1/1k dilution
 Lane 1 : 3T3 whole cell lysates
 Lane 2 : 3T3 treated with Lambda Protein Phosphatase for 30min whole cell lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 98 kDa Observed band size: 135 kDa
 Exposure time: 5 seconds



Formalin-fixed, paraffin-embedded human breast cancer tissue stained for E Cadherin (Phospho-Ser838/Ser840) using 52693 at 1/100 dilution in immunohistochemical analysis.

Background

Cadherins are calcium-dependent cell adhesion proteins (PubMed:11976333). 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 (PubMed:11976333). Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.