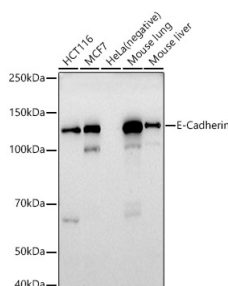
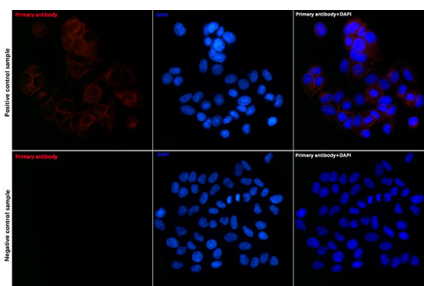


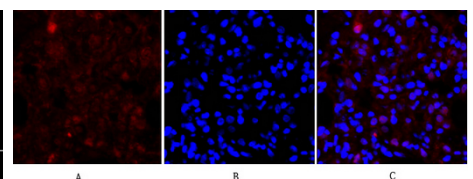
Cat. No:	MAB-94755
Conjugate:	Unconjugated
Size:	100 ug
Clone:	ARC51009
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human Cadherin. AA range:833-882
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:1000 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
Molecular Weight:	125-130kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Synonyms:	CDH1; CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD antigen CD324; CDH2; CDHN; NCAD; Cadherin-2;
Background:	This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calciumdependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function of this gene is thought to contribute to cancer progression by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.



Western blot analysis of various lysates,



Immunofluorescence analysis of MCF7



Immunofluorescence analysis of rat-lung tissue.

1, E-cadherin Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight).
2, Cy3 labeled Secondary antibody was

using E-Cadherin antibody at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL West Pico Plus.

Exposure time: 30s.

and HeLa cells using E-Cadherin antibody at dilution of 1:100 (40x lens).

Blue: DAPI for nuclear staining.

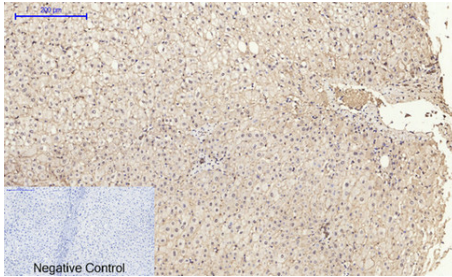
diluted at 1:300(room temperature, 50min).

3, Picture B: DAPI(blue) 10min.

Picture A:Target.

Picture B: DAPI.

Picture C: merge of A+B

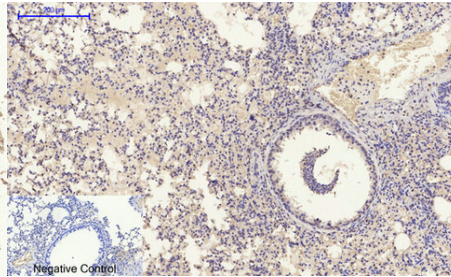


Immunohistochemical analysis of paraffin-embedded Human-liver tissue.

1,E-cadherin Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min).

3,Secondary antibody was diluted at 1:200 (room temperature, 30min).

Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue.

1,E-cadherin Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min).

3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Negative control was used by secondary antibody only.