SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0115-200	600 µg

Anti-CDH1

Source: Goat

General description: Goat polyclonal to CDH1. CDH1 is a classical member of the cadherin superfamily. This protein is a calcium dependent cell-cell adhesion glycoprotein comprised consists of 5 cadherin repeats in the extracellular domain, one trans membrane domain, and a and a highly conserved intracellular domain that binds b-catenin and p120-catenin. CDH1 is involved in mechanisms regulating proliferation, mobility and cell-cell adhesions of epithelial cells. Loss of E-cadherin function or expression has been implicated in cancer metastasis and progression.

Alternative names: ARC-1, CAM 120/80, CD324, CDH1, cdhc-A, CDHE, ECAD, E-Cad E-cadherin, Epithelial cadherin, l-cam, LCAM, P09803, P12830 / Q9R0T4, UVO, Uvomorulin, XBcad, XB-cadherin, XTCAD-1 antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified Recombinant peptide derived from within residues 601 to 701 of human CDH1 produced in E. coli.

Specificity: Detects endogenous levels of total E-cadherin protein by Western blot in the whole cell lysates (e.g. HeLa and COS-7). This Ab does not recognize CDH2.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	+++	+++	+++	ND
Rat	+++	+++	+++	+++	ND
Mouse	+++	+++	+++	+++	ND
Canine	+++	+++	+++	+++	ND
Monkey	+++	+++	+++	+++	ND

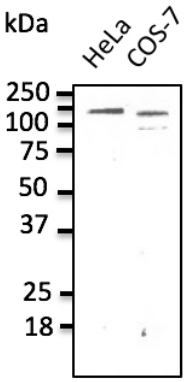
+++ excellent, ++ good, + poor, ND not determined

Usage:

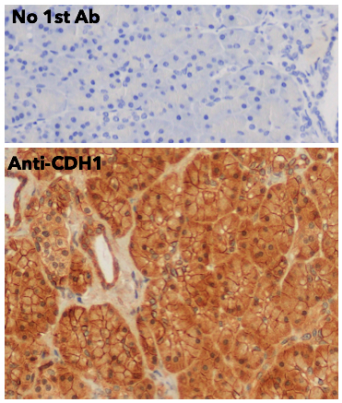
WB:	1:500-1:2,000
IF:	1:50-1:200
IHC (P):	1:200-1:1,000
IHC (F):	1:200-1:1,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

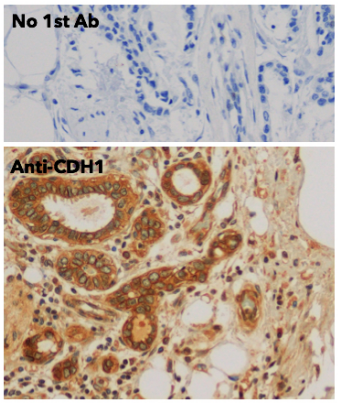
Special instructions: The antibody solution should be gently mixed before use..



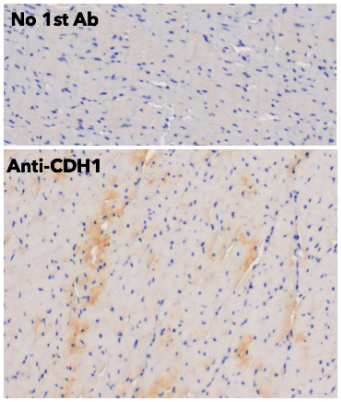
Endogenous CDH1 detected with anti-CDH1 at 1/500 dilution; lysate at 100 µg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



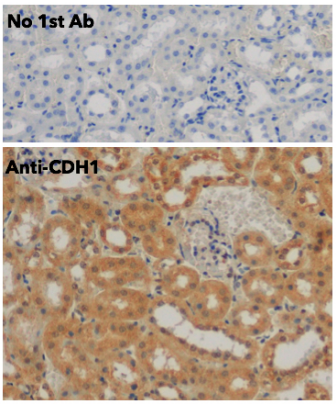
IHC of human pancreas using anti-CDH1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CDH1 Ab at 1:750/DAB detection;



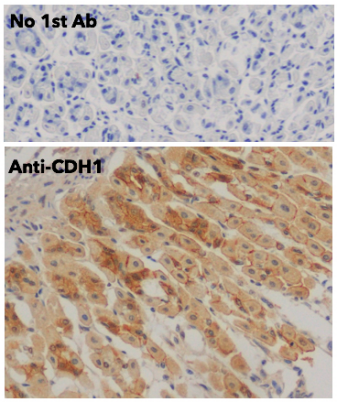
IHC of human breast carcinoma using anti-CDH1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CDH1 Ab at 1:750/DAB detection;



IHC of mouse heart using anti-CDH1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CDH1 Ab at 1:750/DAB detection;



IHC of mouse kidney using anti-CDH1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CDH1 Ab at 1:750/DAB detection;



IHC of mouse stomach using anti-CDH1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CDH1 Ab at 1:750/DAB detection;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.