

Datasheet for ABIN6261408  
**anti-E-cadherin antibody (C-Term)**

5 Images

19 Publications

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## Overview

Quantity:	100 µL
Target:	E-cadherin (CDH1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human E-cadherin, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	E-cadherin Antibody detects endogenous levels of total E-cadherin.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	E-cadherin (CDH1)
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## Target Details

Alternative Name:	CDH1 ( <a href="#">CDH1 Products</a> )
Background:	<p>Description: 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.</p> <p>Gene: CDH1</p>
Molecular Weight:	120kDa
Gene ID:	999
UniProt:	<a href="#">P12830</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Tube Formation</a>

## Application Details

Application Notes:	WB: 1:500-1:3000, IHC: 1:50-1:200, IF/ICC: 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

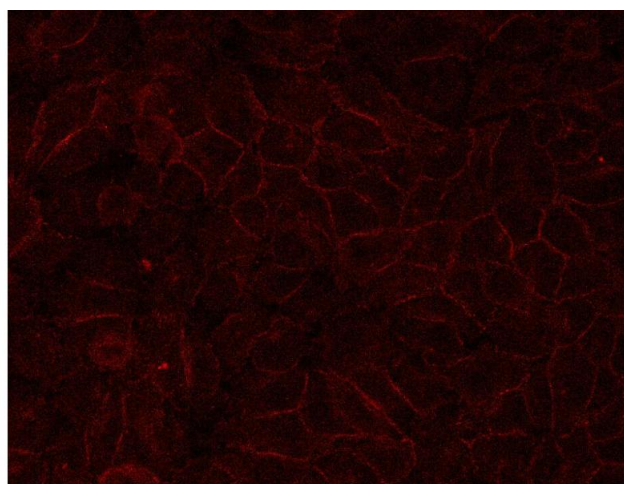
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

## Publications

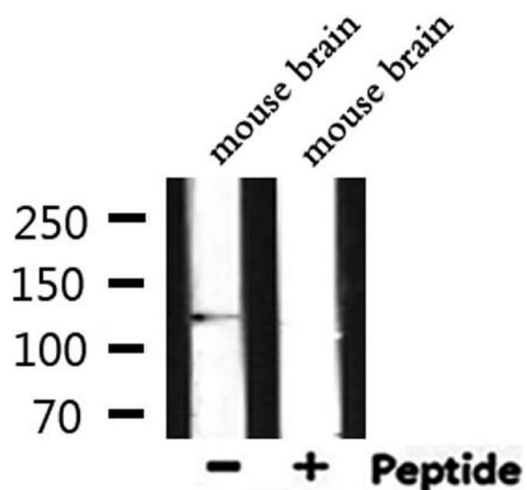
- Product cited in:
- Yang, Zhou, Zhu, Fan, Liu, Duan, Tang, Shou, Zuo: "miR-200b-containing microvesicles attenuate experimental colitis associated intestinal fibrosis by inhibiting epithelial-mesenchymal transition." in: **Journal of gastroenterology and hepatology**, Vol. 32, Issue 12, pp. 1966-1974, (2018) ([PubMed](#)).
- Xu, Sun, Fang, Song, Yan, Chen, Jiang, Fei, Zhao, Leboeuf, Li, Wang, Janin, Wang, Zhao: "JAM-A overexpression is related to disease progression in diffuse large B-cell lymphoma and downregulated by lenalidomide." in: **Scientific reports**, Vol. 7, Issue 1, pp. 7433, (2018) ([PubMed](#)).
- Guo, Yan, Yan, Guo, Zhang, Zhang, Goltzman: "Tumor-associated macrophages induce the expression of FOXQ1 to promote epithelial-mesenchymal transition and metastasis in gastric cancer cells." in: **Oncology reports**, Vol. 38, Issue 4, pp. 2003-2010, (2018) ([PubMed](#)).
- Shi, Luo, Zhang, Wang, Zheng, Song, Wang, Zhang, Zhang, Li, Luo: "CRTC2 promotes non-small cell lung cancer A549 migration and invasion in vitro." in: **Thoracic cancer**, Vol. 9, Issue 1, pp. 136-141, (2018) ([PubMed](#)).
- Shao, Zhang, Ma, Lu, Meng, Li, Wang, Chen, Zhang, Han, Liu, Ma: "MicroRNA-139-5p affects cisplatin sensitivity in human nasopharyngeal carcinoma cells by regulating the epithelial-to-mesenchymal transition." in: **Gene**, Vol. 652, pp. 48-58, (2018) ([PubMed](#)).
- There are more publications referencing this product on: [Product page](#)

## Images



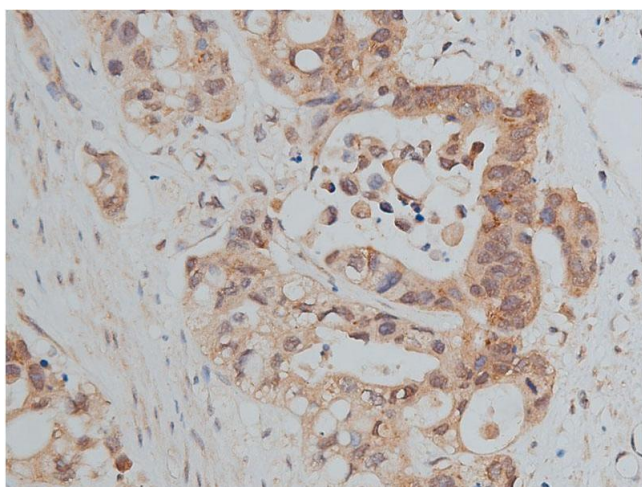
### Immunohistochemistry

**Image 1.** E-cadherin for IHC in human HepG2, Provided by Tianjin University



#### Western Blotting

**Image 2.** Western blot analysis of extracts from mouse brain, using E-cadherin Antibody.



#### Immunohistochemistry

**Image 3.** ABIN6266511 at 1/50 staining human colon cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6261408.