

E-cadherin Polyclonal Antibody

Catalog No: #40860

Package Size: #40860-1 50ul #40860-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	E-cadherin Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	E-cadherin Polyclonal Antibody detects endogenous levels of E-cadherin protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the C-terminal region of human E-cadherin.
Conjugates	Unconjugated
Target Name	E-cadherin
Other Names	CDH1; CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD antigen CD324; CDH2; CDHN; NCAD; Cadherin-2; CDw325; Neural cadherin; N-cadherin; CD antigen CD325; CDH3; CDHP; Cadherin-3; Placental cadherin; P-cadhe
Accession No.	Swiss-Prot: P12830/P19022/P22223/P55283NCBI Gene ID: 999/1000/1001/1002
SDS-PAGE MW	100kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000.

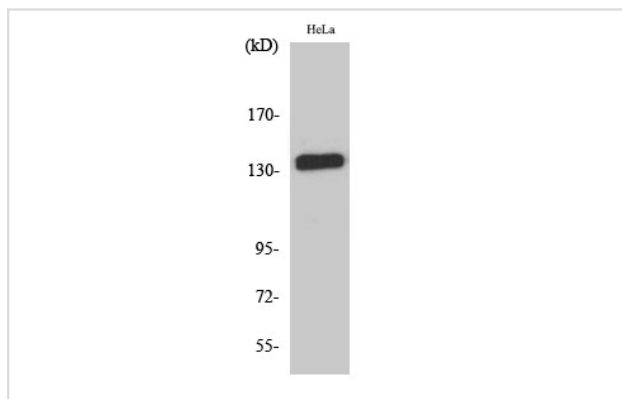
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

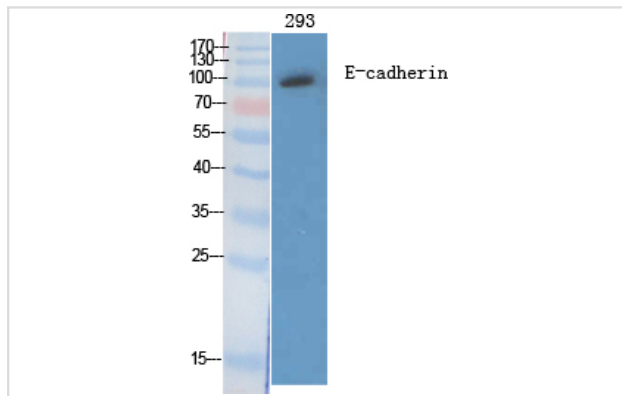
ELISA: 1/20000.

Not yet tested in other applications.

Images



Western Blot analysis of HeLa cells using E-cadherin Polyclonal Antibody



Western Blot analysis of 293 cells using E-cadherin Polyclonal Antibody

Published Papers

el at., TGF β 1 mediated Smad signaling pathway and EMT in hepatic fibrosis induced by Nano NiO in vivo and in vitro. In *Environ Toxicol* on 2020 Apr by Zhang Q, Chang X ,et al..PMID: 31737983, , (2020)

[PMID:31737983](#)

el at., Paeonol Suppresses Proliferation and Motility of Non-Small-Cell Lung Cancer Cells by Disrupting STAT3/NF- κ B Signaling. In *Front Pharmacol* on 2020 Nov 12 by Lei Zhang, Wen-Xu Chen , et al..PMID: 33442382, , (2020)

[PMID:33442382](#)

el at., Glycogen Phosphorylase B Is Regulated by miR101-3p and Promotes Hepatocellular Carcinoma Tumorigenesis. In *Front Cell Dev Biol* on 2020 Nov 25 by Guangying Cui, Huifen Wang, et al..PMID:33324633, , (2020)

[PMID:33324633](#)

el at., Neferine, a novel ROCK1-targeting inhibitor, blocks EMT process and induces apoptosis in non-small cell lung cancer. In *J Cancer Res Clin Oncol* on 2022 Aug 19

by Po Hu, Peng Wan, et al..PMID:35984492, , (2022)

[PMID:35984492](#)

el at., Single-cell sequencing reveals PTX3 involvement in ovarian cancer metastasis. In *J Ovarian Res* on 2024 Nov 23

by Shuangyan Liu, Tianhao Wu,et al..PMID:39580424, , (2024)

[PMID:39580424](#)

Junfeng Ke;Wenzhao Han;Fanwei Meng;Feng Guo;Yuhong Wang;Liping Wang el at., CTI-2 Inhibits Metastasis and Epithelial-Mesenchymal Transition of Breast Cancer Cells by Modulating MAPK Signaling Pathway, , (2021)

[PMID:34830111](#)

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