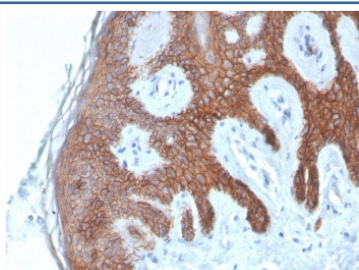


Cadherin 1 Antibody / CDH1 / E-Cadherin [clone CDH1/4585] (V9299)

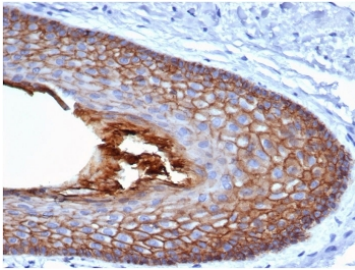
Catalog No.	Formulation	Size
V9299-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9299-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9299SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

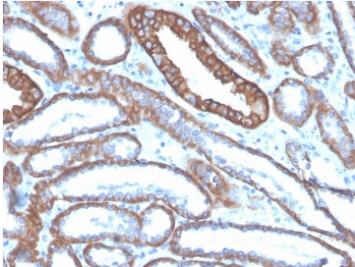
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CDH1/4585
Purity	Protein A/G affinity
UniProt	P12830
Localization	Cytoplasmic, membranous
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Cadherin 1 antibody is available for research use only.



IHC staining of FFPE human skin with Cadherin 1 antibody (clone CDH1/4585). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

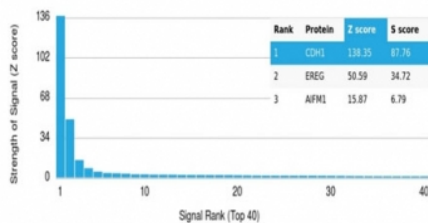


IHC staining of FFPE human skin with Cadherin 1 antibody (clone CDH1/4585). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

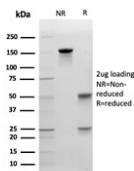


IHC staining of FFPE human kidney tissue with Cadherin 1 antibody (clone CDH1/4585). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Cadherin 1 antibody (clone CDH1/4585). These results demonstrate the foremost specificity of the CDH1/4585 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free Cadherin 1 antibody (clone CDH1/4585) as confirmation of integrity and purity.

Description

E-cadherin/Cadherin-1/CDH1 is a transmembrane, calcium dependent cell adhesion protein that mediates cell to cell adhesion and maintains structural and functional integrity of epithelial tissues.

Application Notes

Optimal dilution of the Cadherin 1 antibody should be determined by the researcher.

Immunogen

Purified His-tagged CDH1/Cadherin 1 protein was used as the immunogen for the Cadherin 1 antibody.

Storage

Aliquot the Cadherin 1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

