

Product Datasheet

Cadherin 1 Antibody / CDH1 / E-Cadherin (orb1151543)

Catalog Number	orb1151543
Category	Antibodies
Description	Mouse monoclonal antibody to E-Cadherin
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
Purification	Protein A/G affinity
Immunogen	Purified His-tagged CDH1/Cadherin 1 protein was used as the immunogen for the Cadherin 1 antibody.
UniProt ID	P12830
Tested applications	IHC-P
Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml
Application notes	Optimal dilution of the Cadherin 1 antibody should be determined by the researcher.
Antibody Type	Primary Antibody

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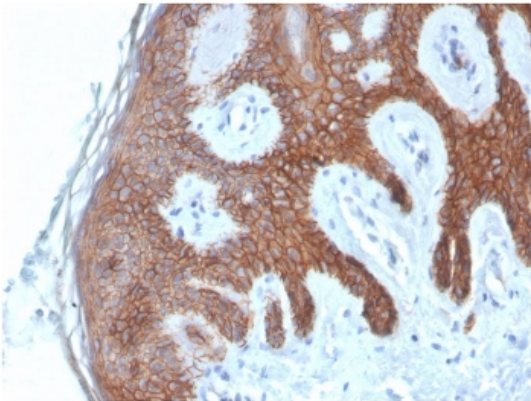
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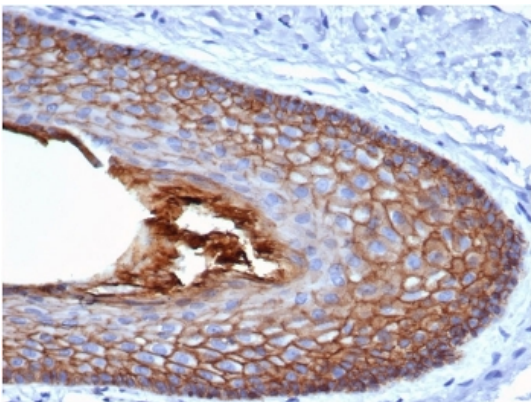
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Clone Number	CDH1/4585
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human skin with Cadherin 1 antibody (clone CDH1/4585). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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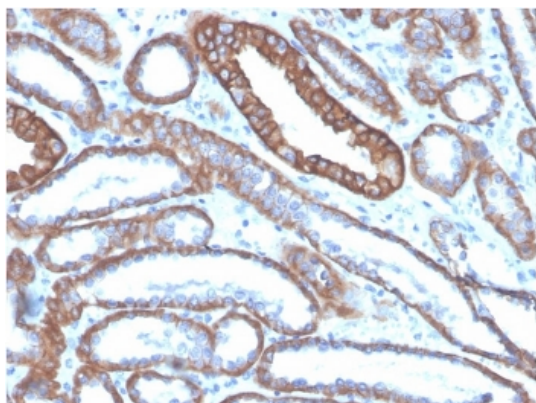
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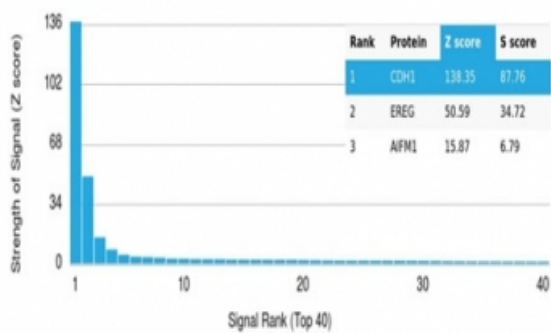
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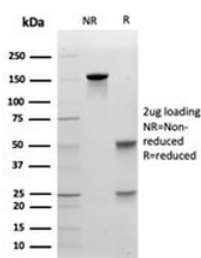


IHC staining of FFPE human kidney tissue with Cadherin 1 antibody (clone CDH1/4585). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Human Protein Microarray Specificity Validation



Analysis of HuProt (TM) microarray containing more than 19000 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.

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