

# Product Datasheet

## E-Cadherin Antibody (DECMA-1) NB120-11512SS

Unit Size: 0.025 ml

Store at -20C. Avoid freeze-thaw cycles.

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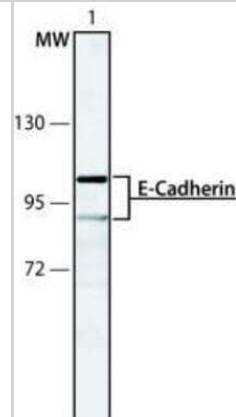


**NB120-11512SS****E-Cadherin Antibody (DECMA-1)**

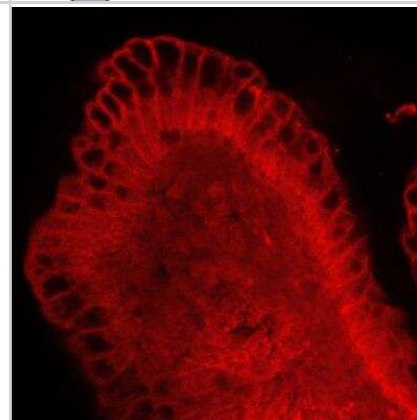
<b>Product Information</b>	
<b>Unit Size</b>	0.025 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	DECMA-1
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Raw ascites
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rat E-Cadherin Antibody (DECMA-1) (NB120-11512) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-E-Cadherin Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rat
<b>Gene ID</b>	999
<b>Gene Symbol</b>	CDH1
<b>Species</b>	Human, Mouse, Bovine, Canine, Feline
<b>Marker</b>	Epithelial Cell Marker, Adherens Junctions Marker
<b>Specificity/Sensitivity</b>	Antibody localizes the cell surface glycoprotein uvomorulin/E-cadherin
<b>Immunogen</b>	Mouse embryonal carcinoma cell line PCC4 Aza RI.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Microarray
<b>Recommended Dilutions</b>	Western Blot 1:3000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:1600, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Microarray
<b>Application Notes</b>	The antibody may be used for studies of embryonal development, cell-cell interactions of cultured cells, and localization of uvomorulin/E-cadherin in westernblot or immunohistochemical assays.

## Images

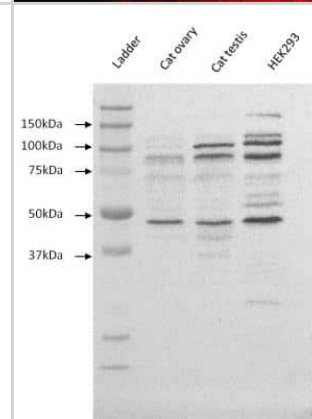
Western Blot: E-Cadherin Antibody (DECMA-1) [NB120-11512] - MDCK cell extract separated on SDS-PAGE and probed with Rat Anti-Uvomorulin/E-Cadherin Clone: DECMA-1. Detection by Rabbit Anti-Rat IgG-Peroxidase and a chemiluminescent substrate. Antibody dilution 1:250.



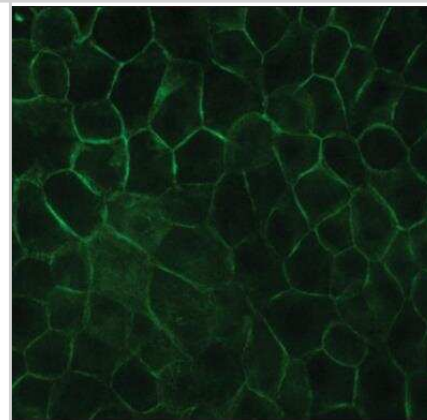
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (DECMA-1) [NB120-11512] - Adult mouse small intestine stained with NB12-11512. Image from verified customer review.



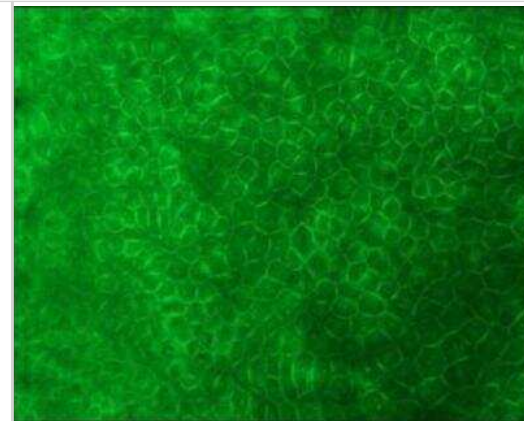
Western Blot: E-Cadherin Antibody (DECMA-1) [NB120-11512] - Cat testis, cat ovary and HEK293 whole cell lysates. Image from verified customer review.



Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (DECMA-1) [NB120-11512] - MDCK cells were fixed and permeabilized with methanol followed by acetone. Fixed cells were stained with 1:3200 Rat Monoclonal Anti-Uvomorulin/E-Cadherin, Clone: DECMA-1. Detection using Goat Anti-Rat IgG, FITC conjugate.



Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (DECMA-1) [NB120-11512] - MDCK cells were fixed and permeabilized with cold methanol followed by acetone. Fixed cells were stained with Rat Anti-Uvomorulin/E-Cadherin Clone: DECMA-1 diluted to 1:3200. The antibody was developed using Rabbit Anti-Rat IgG, FITC-conjugate.



## Publications

London NR, Tharakan A, Mendiola M et al. Deletion of Nrf2 enhances susceptibility to eosinophilic sinonasal inflammation in a murine model of rhinosinusitis. *Int Forum Allergy Rhinol.* 2018-10-03 [PMID: 30281933] (ICC/IF, Mouse)

Ramanathan M Jr, London NR Jr, Tharakan A et al. Airborne Particulate Matter Induces Non-allergic Eosinophilic Sinonasal Inflammation in Mice. *Am J Respir Cell Mol Biol* 2017-02-28 [PMID: 28245149] (Mouse)

Kudva IT, Stasko JA. Bison and bovine rectoanal junctions exhibit similar cellular architecture and Escherichia coli O157 adherence patterns. *BMC Vet Res* 2013-12-28 [PMID: 24373611] (IHC-Fr, Bovine)



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### **Products Related to NB120-11512SS**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
DDXCR01	Rat IgG1 Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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