

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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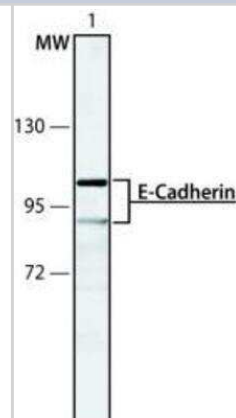


NB120-11512SS**E-Cadherin Antibody (DECMA-1)**

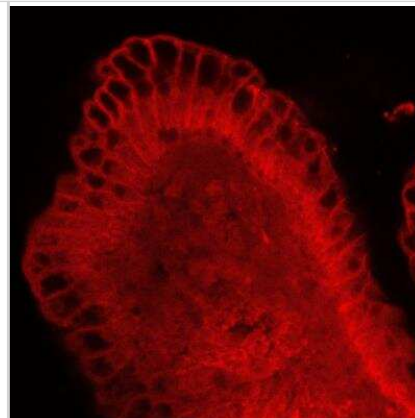
Product Information	
Unit Size	0.025 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DECMA-1
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Raw ascites
Product Description	
Host	Rat
Gene ID	999
Gene Symbol	CDH1
Species	Human, Mouse, Bovine, Canine, Feline
Marker	Epithelial Cell Marker, Adherens Junctions Marker
Specificity/Sensitivity	Antibody localizes the cell surface glycoprotein uvomorulin/E-cadherin
Immunogen	Mouse embryonal carcinoma cell line PCC4 Aza RI.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Microarray
Recommended Dilutions	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
Application Notes	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

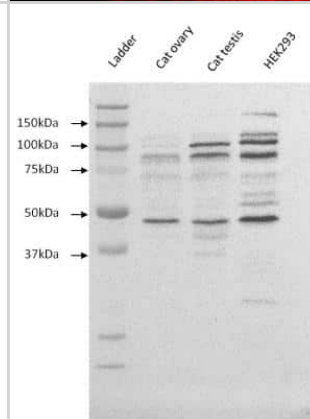
Western Blot: E-Cadherin Antibody (DECMA-1) [NB120-11512] - MDCK cell extract separated on SDS-PAGE and probed with Rat Anti-Uvomorulin/E-Cadherin Clone: DECMA-1. Detection by Rabbit Anti-Rat IgG-Peroxidase and a chemiluminescent substrate. Antibody dilution 1:250.



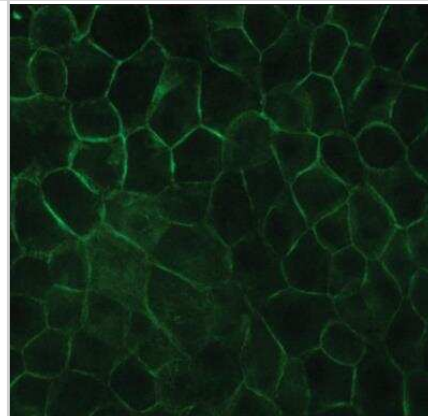
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (DECMA-1) [NB120-11512] - Adult mouse small intestine stained with NB12-11512. Image from verified customer review.



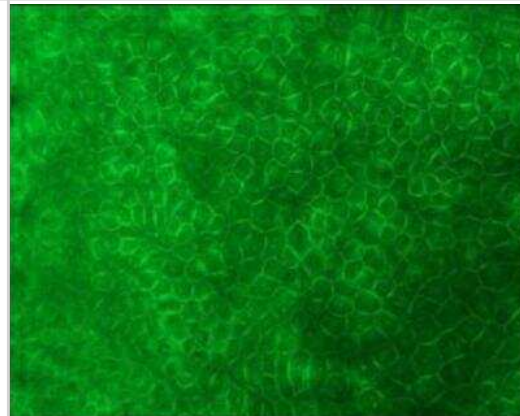
Western Blot: E-Cadherin Antibody (DECMA-1) [NB120-11512] - Cat testis, cat ovary and HEK293 whole cell lysates. Image from verified customer review.



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

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
DDXCR01	Rat IgG1 Isotype Control
NBP2-34475PEP	E-Cadherin Recombinant Protein Antigen

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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