

Product Datasheet

E. Coli Antibody - BSA Free

NB200-579

Unit Size: 0.5 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB200-579

E. Coli Antibody - BSA Free

Product Information

Unit Size	0.5 ml
Concentration	4.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	10mM PBS (pH 7.2)

Product Description

Description	Novus Biologicals Rabbit E. Coli Antibody - BSA Free (NB200-579) is a polyclonal antibody validated for use in IHC, ELISA and ICC/IF. Anti-E. Coli Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Mouse, Non-species specific
Reactivity Notes	Cross-reacts with related Enterobacteriaceae. Mouse reactivity reported in multiple pieces of scientific literature.
Specificity/Sensitivity	Reacts with all "O" and "K" antigenic serotypes of Escherichia coli. Antiserum is not absorbed for other members of the Enterobacteriaceae. Will remove E. coli proteins from recombinant preparations.
Immunogen	Mixture of E. coli serotypes.

Product Application Details

Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Use in IHC-Frozen reported in scientific literature (PMID: 27214553, 27122612). Use in IHC reported in scientific literature (PMID 27732661).



Publications

J. Scott Lee, Ruth X. Wang, Matthew S. Goldberg, Garrett P. Clifford, Daniel J. Kao, Sean P. Colgan Microbiota-Sourced Purines Support Wound Healing and Mucous Barrier Function iScience 2020-06-02 [PMID: 32554188]

David R Danforth, Marcella Melloni, Richard Thorpe, Avi Cohen, Richard Voogt, Jake Tristano, Keith P Mintz Dual function of the O-antigen WaaL ligase of *Aggregatibacter actinomycetemcomitans*. Molecular oral microbiology 2023-11-30 [PMID: 37941494]

Steffensen N, Imker R, Lassnig S Et Al. Methylprednisolone Induces Extracellular Trap Formation and Enhances Bactericidal Effect of Canine Neutrophils International journal of molecular sciences 2021-07-20 [PMID: 34299355] (ICC/IF)

Pan C, Zhu B, Yu C A Dual Immunological Raman-Enabled Crosschecking Test (DIRECT) for Detection of Bacteria in Low Moisture Food Biosensors 2020-12-04 [PMID: 33291652]

Nagy K Molecular control of acute cystitis and potential new targets of treatment Scientific reports 2020-01-01 (IF/IHC, E. coli)

Details:

Immunohistochemical analysis of kidneys and bladders from mice infected with CY-17 strain of E. coli.

Ambite I, Puthia M, Nagy K et al. Molecular Basis of Acute Cystitis Reveals Susceptibility Genes and Immunotherapeutic Targets. PLoS Pathog 2016-10-12 [PMID: 27732661] (IF/IHC, Bacteria)

Waldhuber A, Puthia M, Wieser A et al. Uropathogenic *Escherichia coli* strain CFT073 disrupts NLRP3 inflammasome activation. J. Clin. Invest. 2016-05-23 [PMID: 27214553] (IHC-Fr, Mouse)

Puthia M, Ambite I, Cafaro C et al. IRF7 inhibition prevents destructive innate immunity-A target for nonantibiotic therapy of bacterial infections. Sci Transl Med. 2016-04-27 [PMID: 27122612] (IHC-Fr, Mouse)

Stromberg LR, Stromberg ZR, Banisadr A et al. Purification and characterization of lipopolysaccharides from six strains of non-O157 Shiga toxin-producing *Escherichia coli*. J Microbiol Methods 2015-09-01 [PMID: 26093258]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB200-579

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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