

# Product Datasheet

## CD3 Antibody NBP1-72167

Unit Size: 0.1 mg

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

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**NBP1-72167****CD3 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Sterile TBS (pH 7.2) with antibody stabilizer
<b>Target Molecular Weight</b>	23 kDa

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	916
<b>Gene Symbol</b>	CD3E
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	This antibody recognizes CD3 protein.
<b>Immunogen</b>	A synthetic peptide corresponding to extracellular domain of human CD3.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 0.1-1 ug/ml, Simple Western 1:200, Flow Cytometry 10-20 ug/10 <sup>6</sup> cells, ELISA 0.01-0.1 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 2-5 ug/ml, Immunohistochemistry-Paraffin 2-5 ug/ml
<b>Application Notes</b>	Use in ICC/IF was reported in the scientific literature (PMID: 23825096).  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.

**Publications**

Zuo B, Qi H, Lu Z et al. Alarmin-painted exosomes elicit persistent antitumor immunity in large established tumors in mice Nat Commun 2020-04-14 [PMID: 32286296] (IF/IHC, Mouse)

Xie T, Sun C, Uslu K et al. A New Murine Model for Gastrointestinal Anthrax Infection. PLoS One 2013-06-18 [PMID: 23825096] (ICC/IF, IHC-P, Mouse)

Ge Z, Da Y, Xue Z et al. Vorinostat, a histone deacetylase inhibitor, suppresses dendritic cell function and ameliorates experimental autoimmune encephalomyelitis Exp Neurol 2012-12-21 [PMID: 23261766] (IF/IHC, Mouse)

Han Sang-Chul, Kang Gyeong-Jin, Ko Yeong-Jong et al. Fermented fish oil suppresses T helper 1/2 cell response in a mouse model of atopic dermatitis via geneRation of CD4+CD25+Foxp3+ T cells. BMC Immunology 2012-01-01 [PMID: 22873180] (IF/IHC, WB, Mouse)





### **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

### **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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