

Product Datasheet

CD3 Antibody (KT3) - BSA Free NB100-64871

Unit Size: 0.125 mg

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

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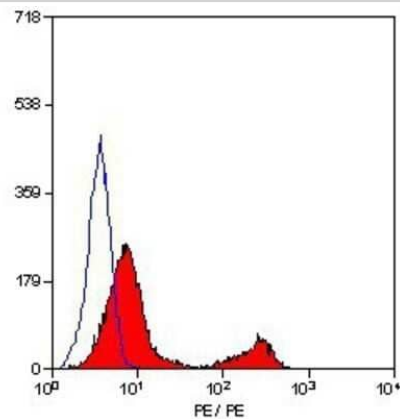
NB100-64871

CD3 Antibody (KT3) - BSA Free

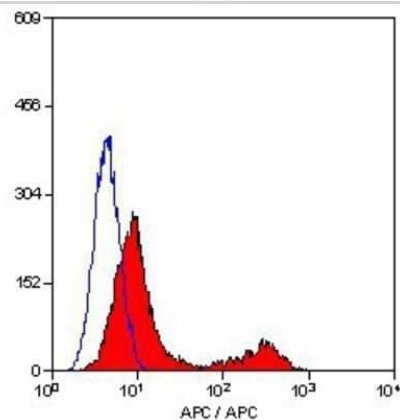
Product Information	
Unit Size	0.125 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	KT3
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	21.4 kDa
Product Description	
Host	Rat
Gene ID	916
Gene Symbol	CD3E
Species	Mouse
Specificity/Sensitivity	The antibody recognizes mouse CD3 antigen.
Immunogen	CBAT6 thymocytes
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:100, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500
Application Notes	The epitope recognized by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. The use of acetone fixation for frozen sections is recommended.

Images

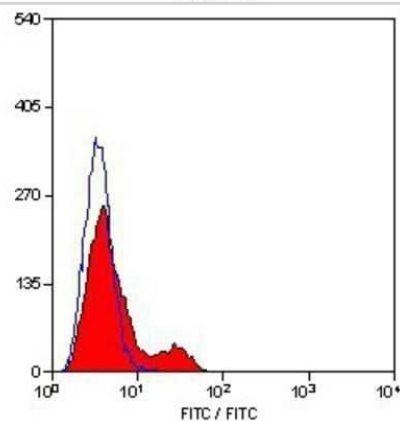
Flow Cytometry: CD3 Antibody (KT3) [NB100-64871] - Analysis using the PE conjugate of NB100-64871. Staining of mouse spleen cells.



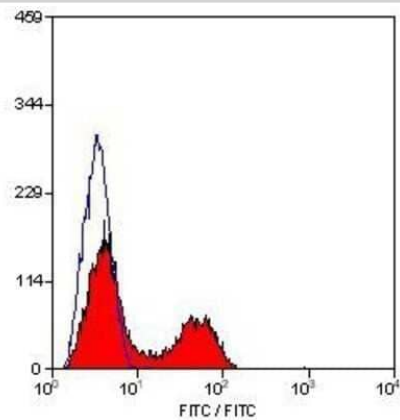
Flow Cytometry: CD3 Antibody (KT3) [NB100-64871] - Staining of mouse spleen cells using CD3 APC antibody.



Flow Cytometry: CD3 Antibody (KT3) [NB100-64871] - Staining of mouse spleen cells using CD3 BIOTIN antibody.



Flow Cytometry: CD3 Antibody (KT3) [NB100-64871] - Analysis using the FITC conjugate of NB100-64871. Staining of mouse peripheral blood lymphocytes.



Publications

Amantini C, Farfariello V, Cardinali C et al. The TRPV1 ion channel regulates thymocyte differentiation by modulating autophagy and proteasome activity. *Oncotarget*. [PMID: 29207602] (FLOW, 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

Products Related to NB100-64871

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
NB100-64871PE	CD3 Antibody (KT3) [PE]

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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