

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

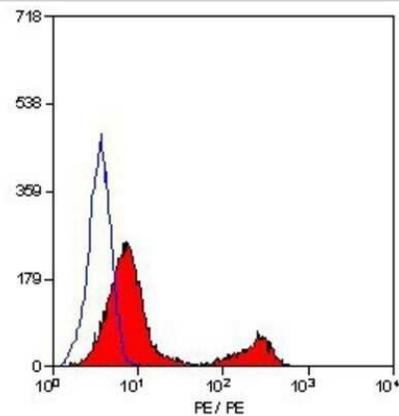
Product Description	
Description	Novus Biologicals Rat CD3 Antibody (KT3) - BSA Free (NB100-64871) is a monoclonal antibody validated for use in IHC and Flow. Anti-CD3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	916
Gene Symbol	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.

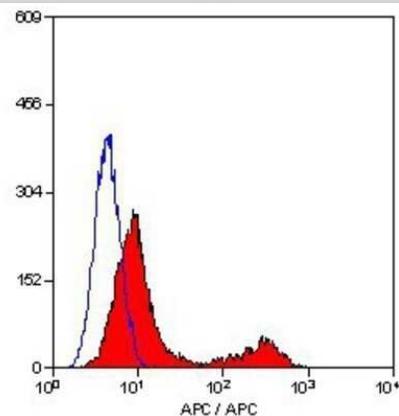


Images

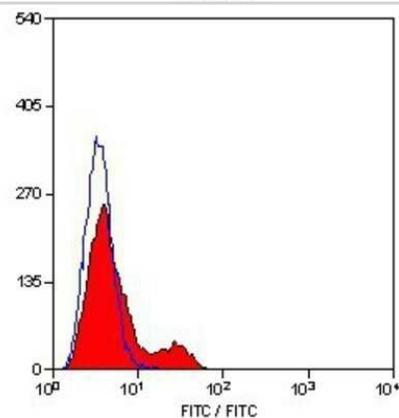
Flow Cytometry: CD3 Antibody (KT3) [NB100-64871] - Analysis using the PE conjugate of NB100-64871. Staining of mouse spleen cells.



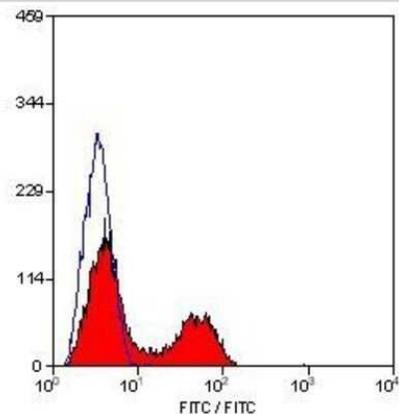
Flow Cytometry: CD3 Antibody (KT3) [NB100-64871] - Staining of mouse spleen cells using CD3 APC antibody.



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)



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Products Related to NB100-64871

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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