

# Product Datasheet

## CD8 Antibody (RPA-T8) - Azide and BSA Free NBP2-80659

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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**NBP2-80659**

CD8 Antibody (RPA-T8) - Azide and BSA Free

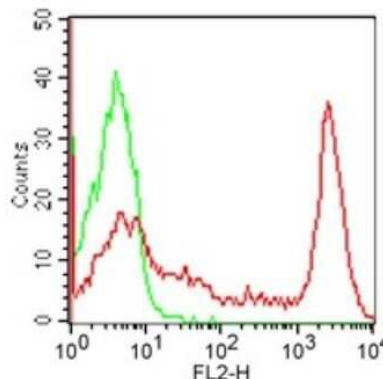
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RPA-T8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	26 kDa

Product Description	
Host	Mouse
Gene ID	925
Gene Symbol	CD8A
Species	Human
Immunogen	CD8 Antibody (RPA-T8) was developed against CD8 (CD8a; alpha chain)

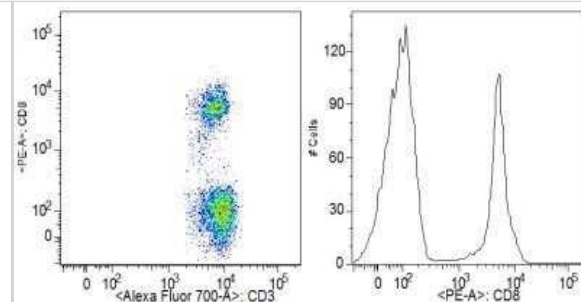
Product Application Details	
Applications	Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay
Recommended Dilutions	Flow Cytometry 0.1-0.25 ug per $1 \times 10^6$ cells, Immunohistochemistry, Immunohistochemistry-Frozen reported in scientific literature (PMID 7882470), In vitro assay reported in multiple pieces of scientific literature, Flow (Cell Surface)

**Images**

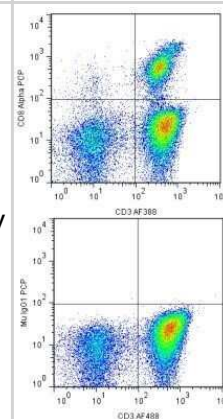
Flow Cytometry: CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Cell surface flow analysis of CD8 in human PBMC using this antibody at 0.25 ug/ $10^6$  cells. Cells were stained with primary antibody followed by a PE-conjugated goat anti-mouse secondary antibody this antibody. Green represents isotype control this antibody; red represents anti-CD8 this antibody. Image from the standard format of this antibody.



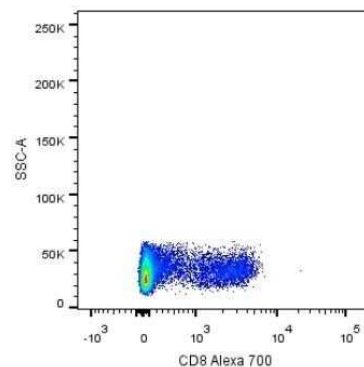
Flow (Cell Surface): CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Analysis using the PE conjugate of NBP2-25195. Staining of Human peripheral blood mononuclear cells. Image from verified customer review.



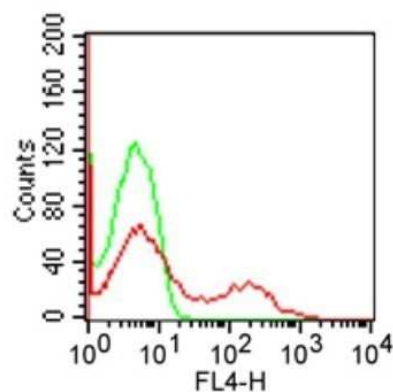
Flow Cytometry: CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Analysis using PerCP conjugate of NBP2-25195. A cell surface stain was performed on hPBMCs with CD8 Alpha antibody (RPA-T8) NBP2-25195 (top image) and a matched isotype control NBP2-27287 (bottom image). Cells were incubated in an antibody dilution of 1:200 for 20 minutes at room temperature. Both antibodies were directly conjugated to PerCP. A co-stain was also performed using CD3 antibody NBP2-24867AF488.



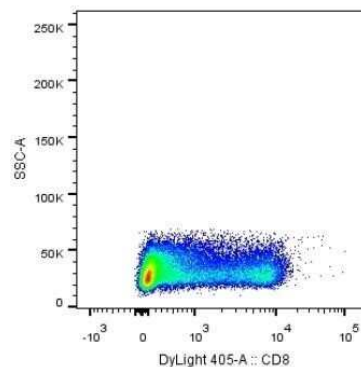
Flow Cytometry: CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Analysis using the Alexa Fluor (R) 700 conjugate of NBP2-25195. Staining of CD8 alpha in human PBMC using CD8 alpha antibody. Image from verified customer review.



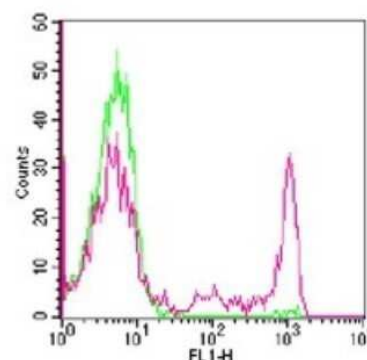
Flow Cytometry: CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Analysis using the Allophycocyanin conjugate of NBP2-25195. Staining of CD8 in 1x10<sup>6</sup> human PBMC using 10 ul (0.1 ug) of IMG-5917G. Green represents isotype control (IMGEX, 20107); red represents anti-CD8 antibody. Imgenex's cell surface staining flow assay kit (IMGEX, 10084K) was used to test this product. Propidium iodide negative lymphocyte population gated for analysis.



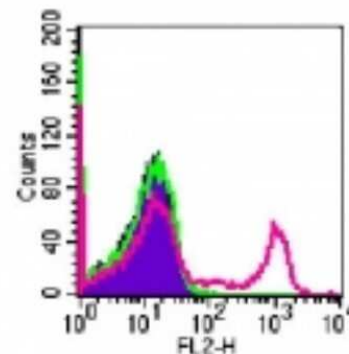
Flow Cytometry: CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Analysis using the DyLight 405 conjugate of NBP2-25195. Staining of CD8 alpha in human PBMCs using anti-CD8 alpha antibody. Image from verified customer review. Image from the standard format of this antibody.



Flow Cytometry: CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Analysis using the FITC conjugate of NBP2-25195. Staining of CD8 in human PBMCs using 0.25 ug of (clone RPA-T8) per approximately  $1 \times 10^6$  cells. Green represents isotype control this antibody, red represents anti-CD8 FITC antibody.



Flow Cytometry: CD8 Antibody (RPA-T8) - Azide and BSA Free [NBP2-80659] - Analysis using the PE conjugate of NBP2-25195. Staining of CD8 in  $10^6$  human PBMC using 10 ul (0.1 ug) of this antibody. The shaded histogram represents human PBMC alone; green represents mouse isotype control, red represents human CD8 this antibody.





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### **Products Related to NBP2-80659**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-34039PEP	CD8 Recombinant Protein Antigen

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### **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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