

Product Datasheet

CD8 Antibody (RPA-T8) - Azide and BSA Free NBP2-25195

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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NBP2-25195

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

Product Information

Unit Size	0.1 mg
Concentration	1 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

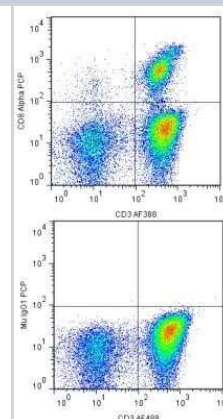
Host	Mouse
Gene ID	925
Gene Symbol	CD8A
Species	Human
Immunogen	CD8 Antibody (RPA-T8) was developed against CD8 (CD8a; alpha chain)

Product Application Details

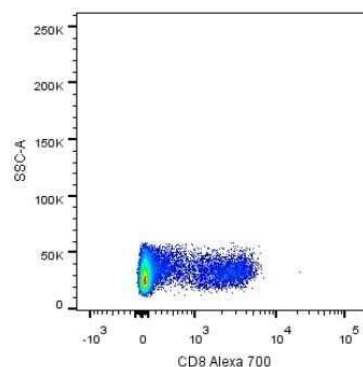
Applications	Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.1-0.25 ug per 1×10^6 cells, Immunohistochemistry, Immunohistochemistry-Frozen reported in scientific literature (PMID 7882470), In vitro assay reported in multiple pieces of scientific literature, Flow (Cell Surface), CyTOF-ready

Images

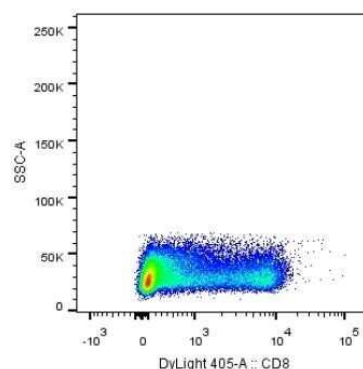
Flow Cytometry: CD8 Antibody (RPA-T8) [NBP2-25195] - CD8 alpha Antibody (RPA-T8) [NBP2-25195] - Analysis using PerCP conjugate of NBP2-25195. A cell surface stain was performed on hPBMCs with CD8 Alpha antibody (RPA-T8) NBP2-25195 (top image) and a matched isotype control NBP2-27287 (bottom image). Cells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



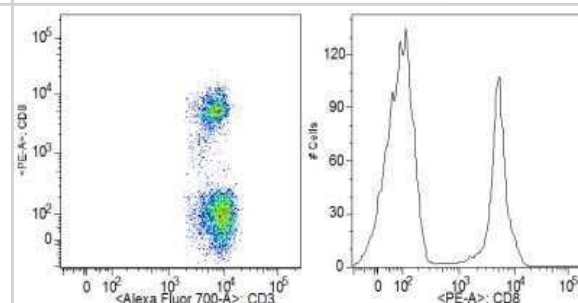
Flow Cytometry: CD8 Antibody (RPA-T8) [NBP2-25195] - Analysis using the Alexa Fluor (R) 700 conjugate of NBP2-25195. Staining of CD8 alpha in human PBMC using CD8 alpha antibody. Image from verified customer review.



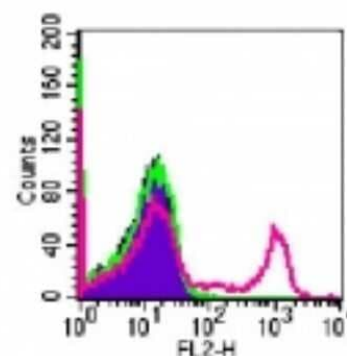
Flow Cytometry: CD8 Antibody (RPA-T8) [NBP2-25195] - Analysis using the DyLight 405 conjugate of NBP2-25195. Staining of CD8 alpha in human PBMCs using anti-CD8 alpha antibody. Image from verified customer review.



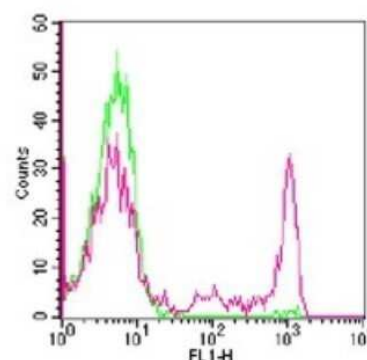
Flow (Cell Surface): CD8 Antibody (RPA-T8) [NBP2-25195] - CD8 alpha Antibody (RPA-T8) [NBP2-25195] - Analysis using the PE conjugate of NBP2-25195. Staining of Human peripheral blood mononuclear cells. Image from verified customer review.



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



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



Publications

Hellwinkel JE, Redzic JS, Harland TA et al Glioma-derived extracellular vesicles selectively suppress immune responses. *Neuro Oncol.* 2016-04-01 [PMID: 26385614] (FLOW, Human)

Details:

Citation using the Azide Free version of this antibody.

Kaneko H, Saito K, Hashimoto H et al. Preferential elimination of CD28+ T cells in systemic lupus erythematosus (SLE) and the relation with activation-induced apoptosis *Clin Exp Immunol.* 1996-11-01 [PMID: 8918566]

Ruggiero G, Martinez Caceres E, Voordouw A et al. CD40 expressed on thymic epithelial cells provides costimulation for proliferation but not for apoptosis of human thymocytes *J Immunol.* 1996-05-15 [PMID: 8621909]

Staal FJ, Res PC, Weijer K, Spits H. Development of retrovirally marked human T progenitor cells into mature thymocytes *Int Immunol.* 1995-08-01 [PMID: 7495737]

Wilson MR, Crowley S, Odgers GA, Shaw L. Immunofluorescent labeling using covalently linked anti-phycoerythrin antibodies and phycoerythrin polymers *Cytometry.* 1991-01-06 [PMID: 2065561]

Aversa G, Waugh JA, Hall BM. A monoclonal antibody (A6) recognizing a unique epitope restricted to CD45RO and RB isoforms of the leukocyte common antigen family identifies functional T cell subsets *Cell Immunol.* 1994-10-15 [PMID: 7522974] (In vitro, Human)

Galy A, Verma S, Barcena A, Spits H. Precursors of CD3+CD4+CD8+ cells in the human thymus are defined by expression of CD34 Delineation of early events in human thymic development *J Exp Med.* 1993-08-01 [PMID: 7688021] (FLOW, In vitro, Human)



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Products Related to NBP2-25195

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)
NBP2-25195V	CD8 Antibody (RPA-T8) [DyLight 405]

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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