

Product Datasheet

CD8 alpha Antibody (YTS105.18) NB200-578

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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NB200-578

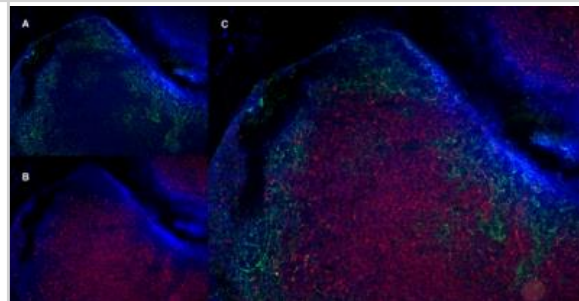
CD8 alpha Antibody (YTS105.18)

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	YTS105.18
Preservative	0.09% Sodium Azide
Isotype	IgG2 Alpha
Purity	Protein G purified
Buffer	Phosphate buffered saline
Target Molecular Weight	26 kDa
Product Description	
Host	Rat
Gene ID	925
Gene Symbol	CD8A
Species	Human, Mouse
Specificity/Sensitivity	NB200-578 recognises a non polymorphic epitope on the mouse CD8 alpha chain. Blocks MHC I dependent T cell responses in vitro and in vivo, and induces transplantation tolerance in combination with CD4 antibodies.
Immunogen	Mouse spleen cells
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul. IHC-P: It has been reported that the antibody did not work in paraffin embedded mouse spleen tissue.

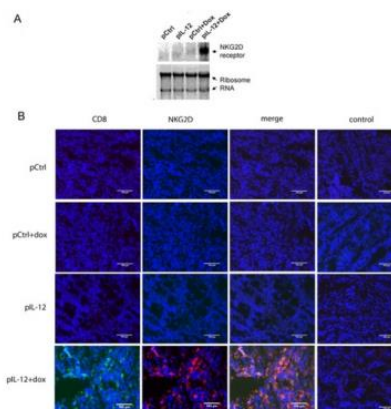


Images

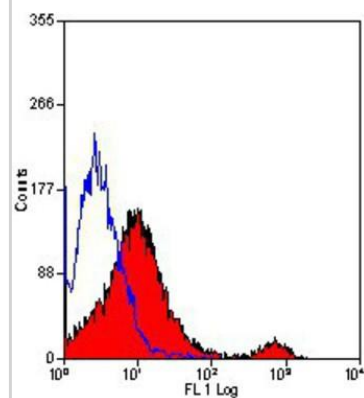
Immunocytochemistry/Immunofluorescence: CD8 alpha Antibody (YTS105.18) [NB200-578] - Staining of a mouse lymph node cryosection with Rat anti mouse CD19, clone 6D5 (MCA1439), green in A and Rat anti Mouse CD8, red in B. Merged image in C with nuclei counterstained blue using DAPI. Low power



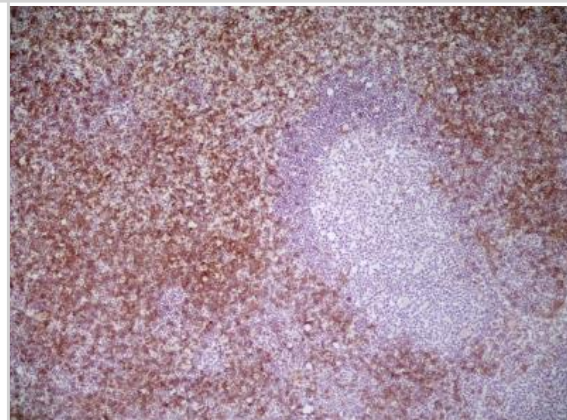
Immunohistochemistry-Frozen: CD8 alpha Antibody (YTS105.18) [NB200-578] - Published customer Image. Staining of (A) Infiltration of NKG2D-positive cells into tumors. Northern blot analysis was performed to detect NKG2D expression in tumors. Ribosomal RNA was used to confirm equal loading among samples. (B) NKG2D/CD8 positive cells in tumor sections by treatment received. Frozen tumor sections were stained with biotin anti-mouse NKG2D, anti-mouse CD8, or corresponding isotype control antibodies, then with streptavidin-conjugated Alexa fluor 594 or Alexa fluor 488 secondary antibodies



Flow Cytometry: CD8 alpha Antibody (YTS105.18) [NB200-578] - Staining of mouse spleen cells.



Immunohistochemistry: CD8 alpha Antibody (YTS105.18) [NB200-578] - Staining of Mouse lymph node cryosection.



Publications

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Auray, G et al. (2007) Involvement of intestinal epithelial cells in dendritic cell recruitment during *C. parvum* infection *Microbes Infect* 9: 574-82. 2007 [PMID: 17395519]

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Products Related to NB200-578

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
H00000925-P01-2ug	Recombinant Human CD8 alpha Protein
210-TA-005/CF	TNF-alpha [Unconjugated]

Limitations

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