

CD8 alpha antibody [YTS105.18] (Low endotoxin, azide free)

Cat. No. GTX41819

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	ICC/IF, IHC-Fr, FCM
Reactivity	Mouse

References (2)

Package

500 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
FCM	1/50-1/100

Note : Use 10µl of the suggested working dilution to label 10⁶ cells in 100µl.

Not tested in other applications.

Product Note This antibody recognizes a non polymorphic epitope on the mouse CD8 alpha chain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Mouse spleen cells.
Purification	Protein G purified From tissue culture supernatant
Endotoxin	< 0.01 EU/µg (determined by the LAL assay)
Conjugation	Unconjugated



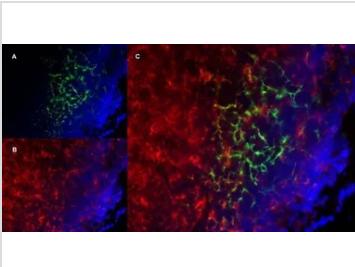
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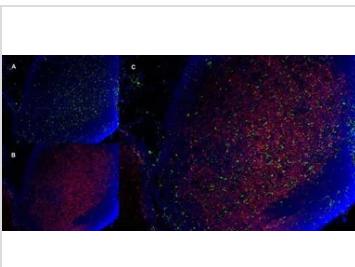
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Note

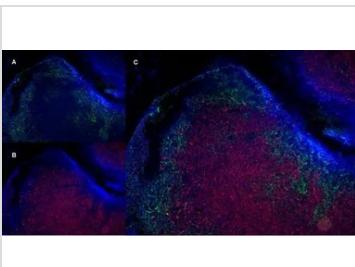
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DATA IMAGES**GTX41819 IHC-Fr Image**

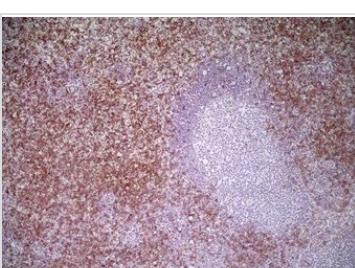
IHC-Fr analysis of a mouse lymph node with Rat anti mouse CD19, clone 6D5 (GTX75012), green in A and Rat anti Mouse CD8 (GTX41819), red in B. Merged image in C with nuclei counterstained blue using DAPI. High power

**GTX41819 IHC-Fr Image**

IHC-Fr analysis of mouse lymph node with Rat anti Mouse CD11b, clone 5C6 , green in A and Rat anti Mouse CD8, clone YTS105.18 (GTX41819), red in B. C is the merged image with nuclei counterstained blue using DAPI. Low power

**GTX41819 IHC-Fr Image**

IHC-Fr analysis of a mouse lymph node with Rat anti mouse CD19, clone 6D5 (GTX75012), green in A and Rat anti Mouse CD8 (GTX41819), red in B. Merged image in C with nuclei counterstained blue using DAPI. Low power

**GTX41819 IHC-Fr Image**

IHC-Fr analysis of mouse lymph node tissue using GTX41819 CD8 antibody [YTS105.18] (Low endotoxin, azide free).



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