

CD4 antibody [RPA-T4] (Low endotoxin, azide free)

Cat. No. GTx44537

Host	Mouse	Package
Clonality	Monoclonal	100 µg
Isotype	IgG1	
Applications	IHC-Fr, FCM, Neutralizing/Inhibition	
Reactivity	Human	

Applications

Application Note

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

Suggested dilution	Recommended dilution
IHC-Fr	1/200-1/2,000
FCM	1/50-1/100
Neutralizing/Inhibition	Assay dependent

Note : The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. We recommends the use of acetone fixation for frozen sections.

Use 10µl of the suggested working dilution to label 10⁶ cells or 100µl whole blood.

Mouse anti human CD4 antibody, clone RPA-T4 has been reported to block gp120-CD4 interaction and inhibit syncytium formation (Piatier-Tonneau et al, 1997).

Not tested in other applications.

Product Note Epitope mapping studies have shown that antibodies, produced by clone RPA-T4, recognize an epitope within domain 1 of the extracellular region of the CD4 molecule.

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	1.0 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human PHA blasts.
Purification	Protein A purified From tissue culture supernatant



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 08 Page 1 of 2

Endotoxin

< 0.01 EU/µg (determined by the LAL assay)

Conjugation

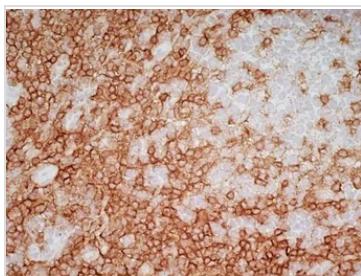
Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

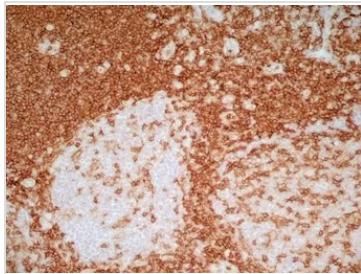
DATA IMAGES

**GTx44537 IHC-Fr Image**

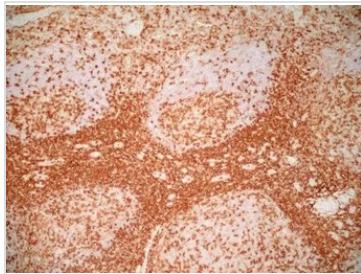
IHC-Fr analysis of human tonsil tissue using GTx44537 CD4 antibody [RPA-T4] (Low endotoxin, azide free).

**GTx44537 IHC-Fr Image**

IHC-Fr analysis of human tonsil tissue using GTx44537 CD4 antibody [RPA-T4] (Low endotoxin, azide free).

**GTx44537 IHC-Fr Image**

IHC-Fr analysis of human tonsil tissue using GTx44537 CD4 antibody [RPA-T4] (Low endotoxin, azide free).

**GTx44537 IHC-Fr Image**

IHC-Fr analysis of human tonsil tissue using GTx44537 CD4 antibody [RPA-T4] (Low endotoxin, azide free).



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 08 Page 2 of 2