

CD4 antibody [YTS177]

Cat. No. GTX13846

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, Neutralizing /Inhibition
Reactivity	Mouse

Package
500 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
Neutralizing /Inhibition	Assay dependent

Note : in vivo blockade of CD4+ T-cell responses

Not tested in other applications.

Calculated MW 51 kDa. ([Note](#))

Product Note

The YTS 177 antibody has been shown to compete with clones GK1.5 and YTS 191 for CD4 binding. The YTS 177 antibody has been reported to be non-depleting but binding does induce rapid internalization of CD4 on both CD4+ Foxp3- T cells and Foxp3+ regulatory T cells. Further, the YTS 177 clone has been shown to suppress or even prevent allograft rejection, allergic reactions and autoimmune responses.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Mouse Spleen Cells
Purification	Protein G purified From tissue culture supernatant
Purity	>95% (Determined by SDS-PAGE)
Endotoxin	< 0.002 EU/µg (Determined by LAL assay)



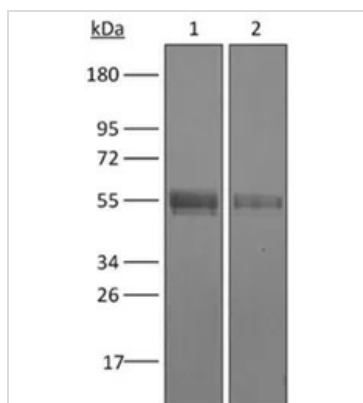
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Conjugation Unconjugated

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



GTX13846 WB Image

WB analysis of purified CD4 recombinant protein using GTX13846 CD4 antibody [YTS177].

Lane 1 : 1 ug reduced purified mouse CD4 with histidine tag at C-terminus

Lane 2 : 0.5 ug reduced purified mouse CD4 with histidine tag at C-terminus

Dilution : 15 ug/ml



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