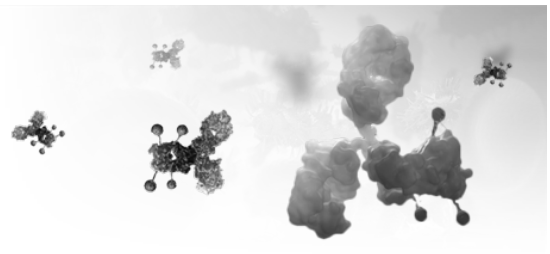

Anti-CD4 monoclonal antibody, clone YTS191.1 [FITC] (CABT-45131RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD4 antibody, clone YTS191.1 recognizes the murine CD4 cell surface antigen, expressed by a subset of T lymphocytes. Rat anti Mouse CD4 antibody, clone YTS191.1 exhibits depleting activity when used in vivo). Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Specificity	CD4
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Mouse
Clone	YTS191.1
Conjugate	FITC
Applications	FC
Procedure	Conjugated Antibodies
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	Preservative Stabilisers
Storage	in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Warnings	For research purposes only

GENE INFORMATION

Gene Name	Cd4 CD4 antigen [Mus musculus (house mouse)]

Official Symbol	CD4
Synonyms	CD4; CD4 antigen; L3T4; Ly-4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; T-cell differentiation antigen L3T4; T-cell surface glycoprotein CD4 precursor (T-cell surface antigen T4/Leu-3) (T-cell differentiation antigen L3T4);
Entrez Gene ID	12504
mRNA Refseq	NM_013488
Protein Refseq	NP_038516
UniProt ID	P06332
Chromosome Location	6 F2; 6 59.17 cM
Pathway	Adaptive Immune System; Alpha-defensins; Antigen processing and presentation; Cell adhesion molecules (CAMs); Costimulation by the CD28 family; Cytokines and Inflammatory Response (BioCarta); Defensins; Downstream TCR signaling;
Function	coreceptor activity; enzyme binding; glycoprotein binding; protein binding; protein homodimerization activity; protein kinase binding; zinc ion binding;