



Anti-CD4 monoclonal antibody, clone YTS191.1 [APC] (CABT-45125RM)

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 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	APC
Applications	FC
Procedure	Conjugated Antibodies
Format	Purified IgG conjugated to Allophycocyanin (APC) - lyophilised
Size	100 Tests
Preservative	0.09% Sodium Azide 1% Bovine Serum Albumin 5% Sucrose
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before
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;