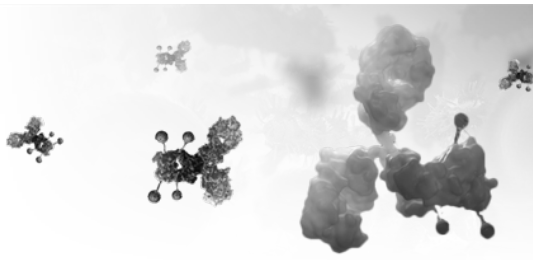

Anti-CD4 monoclonal antibody, clone W3/25 [FITC] (CABT-45037MR)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Rat CD4 antibody, clone W3/25 recognizes the rat CD4 cell surface glycoprotein, a 55kD molecule expressed by helper T cells and weakly by monocytes. This antibody inhibits proliferation and IL-2 production in the MLR reaction. Mouse anti Rat CD4 antibody, clone W3/25 has been described reacting with paraffin-embedded material following PLP fixation (periodate-lysine-paraformaldehyde). Mouse anti Rat CD4 antibody, clone W3/25 is routinely tested in flow cytometry on rat splenocytes Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD4
Immunogen	Rat thymocyte membrane glycoproteins
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	W3/25
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost free freezers is not recommended. This product is photosensitive and should be

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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.

GENE INFORMATION

Gene Name	Cd4 Cd4 molecule [Rattus norvegicus (Norway rat)]
Official Symbol	CD4
Synonyms	CD4; Cd4 molecule; p55; W3/25; T-cell surface glycoprotein CD4; CD4 antigen; W3/25 antigen; T-cell surface antigen T4/Leu-3;
Entrez Gene ID	24932
Protein Refseq	NP_036837
UniProt ID	P05540
Chromosome Location	4q42
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 homodimerization activity; protein kinase binding; zinc ion binding;

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