

Mouse anti-Rat CD4 Monoclonal Antibody | anti-CD4 antibody

Anti-Rat CD4 (Domain 1 Conjugated) Monoclonal Antibody (PerCP/Cy5.5 Conjugated)

CATALOG # AAA174746	HOST Mouse	REACTIVITY Rat	APPLICATIONS Flow Cytometry, Functional Assay
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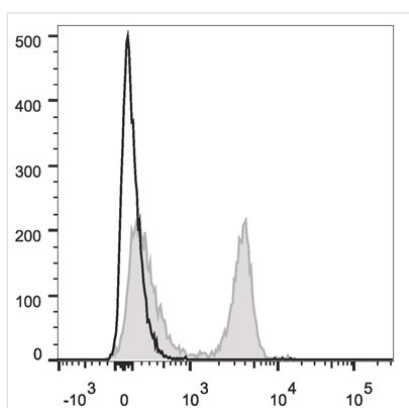
PRODUCT SYNONYMS

CD4; Monoclonal Antibody; Anti-Rat CD4 (Domain 1 Conjugated) Monoclonal Antibody (PerCP/Cy5.5 Conjugated); T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; anti-CD4 antibody

PRODUCT SPECIFICATIONS

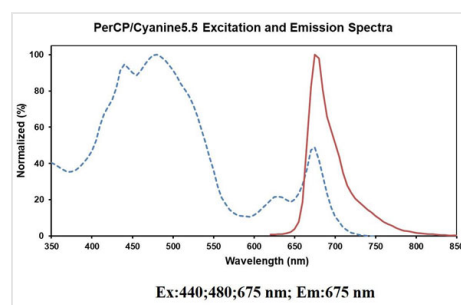
Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	OX-38
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	457
Applicable Applications for anti-CD4 antibody	FCM/FACS (Flow Cytometry)
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at 2~8 degree C and protected from prolonged exposure to light. Do not freeze. Keep as concentrated solution.

IMAGES



Application Data

C57BL/6 murine splenocytes are stained with PerCP/Cyanine5.5 Anti-Rat CD4(domain 1) Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



Fluorophore

Conjugation: PerCP/Cyanine5.5

ADDITIONAL INFORMATION

Related Product Information for anti-CD4 antibody	CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978631
NCBI GeneID	24932
NCBI Accession #	NP_036837.1
NCBI GenBank Nucleotide #	NP_036837.1
UniProt Accession #	P05540
NCBI Official Full Name	T-cell surface glycoprotein CD4
NCBI Official Synonym Full Names	Cd4 molecule
NCBI Official Symbol	Cd4
NCBI Official Synonym Symbols	p55; W3/25
NCBI Protein Information	T-cell surface glycoprotein CD4
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	Cd4
UniProt Entry Name	CD4_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.