

Product datasheet for **TA320276**

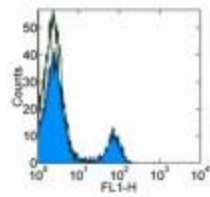
Cd4 Rat Monoclonal Antibody [Clone ID: RM4-5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RM4-5
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD4 antigen
Database Link:	NP_038516 Entrez Gene 12504 Mouse P06332
Background:	The RM4-5 monoclonal antibody reacts with the mouse CD4 molecule, a 55 kDa cell surface receptor expressed by a majority of thymocytes, subpopulation of mature T cells and dendritic cells. CD4 binds to MHC class II on the surface of antigen presenting cells and plays an important role both in T cell development and in optimal functioning of mature T cells. In T cells, CD4 associates with protein tyrosine kinase p56lck through its cytoplasmic tail. Binding of RM4-5 is blocked by GK1.5.
Synonyms:	CD4mut



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Product images:

Staining of C57Bl/6 splenocytes with 0.25 ug of Rat IgG2a Isotype Control Purified (open histogram) or 0.25 ug of Anti-Mouse CD4 Purified (filled histogram) followed by Anti-Rat IgG FITC. Total viable cells were used for analysis.