



MOUSE ANTI-RAT CD4 (EPITOPE 1) MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL1506	QUANTITY:	500 µg
LOT NUMBER:		CONCENTRATION:	0.5 mg/mL
CLONE NAME:	OX-38	HOST/ISOTYPE:	Ms IgG2a
SPECIFICITY:	This antibody detects the CD4 antigen present on a subset of T cells that has suppressor and cytotoxic activities. 90% of thymocytes and NK cells are labelled with this antigen. OX-38 antibody binds to the same epitope of CD4 as the clone W3/25 which differs from the CD4 epitope recognized by OX-35		
APPLICATIONS:	<p>Flow cytometry. The study of phenotypes of T cells mediating various T cell functions. Suitable for use on frozen tissue sections and on formalin -fixed paraffin wax embedded tissues. Optimal working dilutions must be determined by the end user.</p>		
SPECIES REACTIVITY:	Reacts with Rat. Reactivity with other species has not been determined.		
FORMAT:	Protein G affinity chromatography		
PRESENTATION:	The monoclonal is presented in phosphate buffered saline containing 10mM sodium azide. We recommend that each laboratory determine an optimum working titre for use in its particular application.		
STORAGE/HANDLING:	For use within 1 month of purchase store at +4°C, for long term storage aliquot antibody into small volumes and store at -20°C for up to one year.		
REFERENCES:	<p>Stitz.L et al. (1992). Preventive effects of early anti-CD4 or anti-CD8 treatment on Borna disease in rats. <i>J. Virol.</i> 66:3316-3323. Stitz, L. et al. (1992). Preventive effects of early anti-CD4 or anti-CD8 treatment on Borna disease in rats. <i>J. Virology</i> 66:3316-3323. Bierer, B.G. et al. (1989). The biologic roles of CD2, CD4, and CD8 in T-cell activation. <i>Ann. Rev. Immunol.</i> 7:579-599. Jefferies, W.A et al (1985). Authentic T helper CD4 (W3/25) antigen on rat peritoneal macrophages. <i>J. Exp. Med.</i> 162:117-27. Banals, M.P. et all <i>Immunol.</i> 79:298-304.</p>		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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