

CD8

Mouse Anti-Rat CD8 alpha chain Clone OX8-2b mAb

Catalog No.	MON6082	Quantity:	1 mL
Description:	CD8 (cluster of differentiation 8) is a transmembrane glycoprotein that serves as a co-receptor for the T cell receptor (TCR). Like the TCR, CD8 binds to a Major Histocompatibility Complex (MHC) molecule, but is specific for the Class I MHC protein. There are two isoforms of the protein, alpha and beta, each encoded by a different gene. CD8 forms a dimer, consisting of a pair of CD8 chains. The most common form of CD8 is composed of a CD8-alpha and CD8-beta chain.		
Specificity:	The antibody binds to a rat strain-independent epitope of the alpha chain of CD8, present on the CD8-positive subsets of T cells and NK cells.		
Host:	Mouse		
Isotype:	IgG2b		
Clone:	OX8-2b		
Formulation:	1 mL hybridoma culture supernatant with 0.05% Sodium Azide added as a preservative.		
Applications:	Flow cytometry, immunohistochemistry		
Application Notes:	OX8-2b is useful for the flow cytometric analysis of rat lymphocytes, especially in multicolor stainings. OX8-2b is also suitable for immunohistochemistry, both on fresh frozen tissue and formalin-fixed/paraffin-embedded tissue. Citric acid pretreatment is recommended for formalin-fixed/paraffin-embedded tissue sections.		
Storage & Stability:	Two months at 4°C, 1 year at -20°C. Avoid repeated freeze-thaw cycles.		

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