

## Cd8a

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

<b>Catalog No.</b>	MON6082	<b>Quantity:</b>	1 ml
<b>Alternate Names:</b>	CD8 antigen alpha-chain, CD8 antigen, alpha chain, CD8 antigen, alpha-chain		
<b>Description:</b>	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.		
<b>Gene ID:</b>	24930		
<b>Specificity:</b>	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.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG2b		
<b>Clone:</b>	OX8-2b		
<b>Formulation:</b>	1 mL hybridoma culture supernatant with 0.05% Sodium Azide added as a preservative. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Applications:</b>	Flow cytometry, immunohistochemistry		
<b>Application Notes:</b>	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.		
<b>Storage &amp; Stability:</b>	Two months at 4°C, 1 year at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

