

CD8

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

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| Catalog No. | MON6068 | Quantity: | 100 µg |
| 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: | IgG2a | | |
| Clone: | OX8-2a | | |
| Formulation: | OX8-2a can be obtained purified, in amounts of 100 µg, 0.05% Sodium Azide is added as a preservative. | | |
| Applications: | Flow cytometry, immunohistochemistry | | |
| Application Notes: | OX8-2a is useful for the flow cytometric analysis of rat lymphocytes, especially in multicolor stainings. OX8-2a 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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