

## Monoclonal Antibody to Mouse CD8a -FITC-

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| <b>Alternate names:</b> | CD8, MAL, T-cell surface glycoprotein CD8 alpha chain, T-cell surface glycoprotein CD8 beta chain, T-lymphocyte differentiation antigen T8/Leu-2   |
| <b>Catalog No.:</b>     | SM5147F  |
| <b>Quantity:</b>        | 0.25 mg  |
| <b>Host / Isotype:</b>  | Rat / IgG2a  |
| <b>Clone:</b>           | 53-6.72  |
| <b>Immunogen:</b>       | 120 kDa MBP/alpha catenin fusion protein purified on amylose column.   |
| <b>Format:</b>          | <b>Label:</b> FITC   |
| <b>Applications:</b>    | Immunofluorescence: 1/1000. Flow Cytometry: 0.25 µg / 106 cells. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.   |
| <b>Specificity:</b>     | Natural killer (NK) cells in teleosts and their evolutionary homologue are a subpopulation of lymphocytes with properties that distinguish them from either B- or T-cells. NK cells are important effectors of innate immunity where they release cytokines, which in turn up-regulate other immunological functions. Monoclonal antibodies have been used to identify different surface antigens present on NK cells. These surface antigens have not only been used to identify NK cells, but also their functionally distinct subsets. The Cluster of Differentiation (CD) nomenclature was established to standardize the naming of NK cells. To date, a total of 151 CD clusters and subclusters have been identified.<br>SM5147F detects CD8a from mouse samples.<br>SM5147F has been successfully used in flow cytometry and immunofluorescence procedures. |
| <b>Storage:</b>         | Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: on   |