
Anti- Human CD8 Monoclonal Antibody (Biotinylated)

CATALOG NUMBER: CD-08mb, 100 µg

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| Introduction | <p>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.</p> <p>The functional CD8 is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. CD8 identifies cytotoxic/suppressor t-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of t-cell mediated killing. CD8 alpha chains binds to class-I MHC molecules alpha-3 domains.</p> |
| Applications | Flow Cyt, IHC, IP, maybe used for other applications. |
| Description | Biotinylated mouse anti-human CD8 monoclonal antibody. |
| Immunogen | Purified human peripheral blood leucocyte CD8+ T cells. |
| Specificity | Reacts with human CD8. |
| Purification | Ion exchange column. |
| Isotype | mouse IgG2a. |
| Storage | Store at -20 °C; Stable for at least 1 month from the date of shipment at 4 °C. |
| Concentration | 1 µg/µl in PBS. |
| Size | 100 µg |
| Usage | This product does not contain livestock or poultry disease agents, non-toxic/non contagious and is not intended for human use, only for laboratory research and development. |

