
Anti- Human CD8 Monoclonal Antibody (FITC Conjugated)

CATALOG NUMBER: CD-08mf, 100 µg

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	FITC conjugated 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.

