

Mouse Anti-human CD8, FITC conjugated

Cat. Number:	BF00301
Target Protein:	human CD8 (Entrez Gene: 925; Swiss Prot: P01732)
Quantity Size:	25T/50T/100T
Clonality:	Monoclonal
Clone No.:	HIT8a
Isotype:	IgG1
Purity:	≥95%, Purified by Protein G
Form:	Liquid
Storage Buffer:	0.01M PBS, 0.5%BSA, 0.03%Proclin300.
Storage:	Store at 2-8°C, protect from light. Avoid repeated freeze/thaw cycles.
Application:	Flow-Cyt (5ul /Test)

Background: 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. The CD8 co-receptor is predominantly expressed on the surface of cytotoxic T cells, but can also be found on natural killer cells, cortical thymocytes, and dendritic cells. The CD8 molecule is a marker for cytotoxic T cell population. It is expressed in T cell lymphoblastic lymphoma and hypo-pigmented mycosis fungoides.