

## Anti- Human CD8 Monoclonal Antibody

CATALOG NUMBER: CD-08m, 100 µg

<b>Introduction</b>	<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>
<b>Applications</b>	ELISA, WB, maybe used for other applications.
<b>Description</b>	Anti-human CD8 mouse monoclonal antibody.
<b>Immunogen</b>	Purified human peripheral blood leucocyte CD8+ T cells.
<b>Specificity</b>	Reacts with human CD8.
<b>Purification</b>	Ion exchange column.
<b>Isotype</b>	mouse IgG2a.
<b>Storage</b>	Store at -20 °C; Stable for at least 1 month from the date of shipment at 4 °C.
<b>Concentration</b>	1 µg/µl in PBS.
<b>Size</b>	100 µg
<b>Usage</b>	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.

