

### 32-5869: Rat Anti Mouse CD8 Biotinylated(Clone:NYRmCD8.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	NYRmCD8.
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD8,MAL,p32.
<b>Isotype :</b>	Rat IgM.
<b>Immunogen Information :</b>	Purified Mouse LN T cells.

#### Description

CD8 is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. CD8 acts as a co-receptor, and the T-cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. 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 bind to class-I MHC molecules alpha-3 domains.

#### Product Info

<b>Amount :</b>	1 mg
<b>Purification :</b>	Ion Exchange Column.
<b>Content :</b>	1mg/ml in PBS (after reconstitution).
<b>Storage condition :</b>	Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.