

### 32-5820: Monoclonal antibody to CD8-Biotin ( Clone : hCD8.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	hCD8.
<b>Gene :</b>	CD8A
<b>Gene ID :</b>	925
<b>Uniprot ID :</b>	P01732
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD8,MAL,p32.
<b>Isotype :</b>	Mouse IgG2a.
<b>Immunogen Information :</b>	Purified human PBL CD8+ 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 binds 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 4C. After reconstitution, if not intended for use within a month, aliquot and store at -20C.