

32-5819: Monoclonal antibody to CD8-FITC (Clone : hCD8.)

Clonality :	Monoclonal
Clone Name :	hCD8.
Gene :	CD8A
Gene ID :	925
Uniprot ID :	P01732
Format :	Purified
Alternative Name :	CD8,MAL,p32.
Isotype :	Mouse IgG2a.
Immunogen Information :	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

Amount :	1 mg
Purification :	Ion exchange column.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	Lyophilized: store at 4oC. After reconstitution, if not intended for use within a month, aliquot and store at -20oC.