

CPAB0305

Product Information

Size:

500µg

Applications:

Reactivity:

Human

Source:

Mouse

Isotype:

IgG2a

Purification Method:

Ion exchange column.

Protein Background:

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.

Synonyms:

CD8, MAL, p32.

Immunogen:

Purified human PBL CD8+ T cells.

Storage:

Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.