

CD8 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2729
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD8 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	MAL;p32;Leu2;CD8A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CD8 T cell surface antigen is heterodimer of an alpha and a beta chain linked by two disulfide bonds. It belongs to type I membrane protein. Selectively expressing of CD8 on a subset of T cells leads to CD8 T cell development. Through identifying 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. Veillette et al (1988) found the CD8 is associated with the internal membrane tyrosine-protein kinase p56lck.

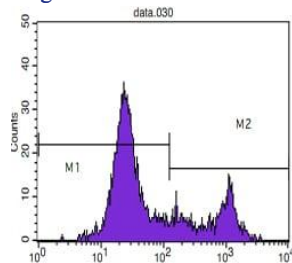
Recommended Dilution

FCM: 1:200 - 1:400

ELISA: 1:10000

Not yet tested in other applications.

Images



Flow cytometric analysis of blood T cells using CD8 mouse mAb (M2) and negative control (M1).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.