

Monoclonal antibody to CD8

Cat. #: Mab-604009 (0.1mg)

Description:

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. Selective expression 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.

Clone Number: RAVB3

Isotype: IgG1

Species: Human

Storage and Stability: stored at -20 C

Immunogen/Specificity:

Ni-NTA purified recombinant human CD8 expressed in E. Coli strain BL21 (DE3).

Applications :

Western Blot, IHC and ELISA.

Dilution:

Western Blot: 1:500-1,000

ELISA: Determining optimal working dilutions by titration test.

Formulation

Antibodies are purified by protein A affinity chromatography.

Reference:

1. Veillette, A. et al. 1988. Cell 55:301