

CD8 Ab

[Images\(1\)](#)

Cat.#: BF0583	Concn.: ~1mg/ml	Mol.Wt.: 25kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application: WB 1:500-1:2000, ELISA 1:10000, FCM 1:200-1:400
*The optimal dilutions should be determined by the end user.

Reactivity: Human

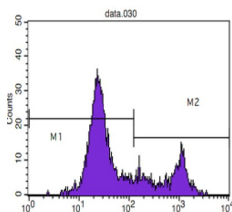
Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human CD8 expressed in E. Coli.

Uniprot: P01732

Description: CD8 T cell surface antigen is heterodimer of an alpha and a beta chain linked by two disulfide bonds .It belongs 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 found the CD8 is associated with the internal membrane tyrosine- protein kinase p56lck.



FCM analysis.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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