



Product Specification Sheet

Cat. #MA-20008

Mouse Monoclonal Anti-Human CD8; Affinity Pure

SIZE: 100 ul

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 (1988) found the CD8 is associated with the internal membrane tyrosine-protein kinase p56lck.

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

**All products are for In vitro research use only.*

Related material available from GSI

Source of Antigen and Antibodies

Antigen	Purified recombinant fragment of human CD8 expressed in E. Coli.
Ab Host/type	Balb/c mouse. Isotype: IgG1 Purified antibody in PBS containing 0.05% sodium azide.
2-Ab	Goat Anti-mouse IgG-HRP conjugate Cat # SA-40320 (AP, biotin, FITC conjugates also available))
-ve control IgG	Cat # SA-20008-1, Mouse (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as -ve control

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Isotype Controls

SA-20102-101 Mouse IgG1 isotype control, purified
 SA-20102-101-APC Mouse IgG1-APC conjugate (isotype)
 SA-20102-101-B Mouse IgG1-Biotin conjugate (isotype)
 SA-20102-101-F Mouse IgG1-FITC conjugate (isotype)
 SA-20102-101-FP Mouse IgG1-FITC-PE conjugate (isotype)
 SA-20102-101-HP Mouse IgG1-HRP conjugate (isotype)
 SA-20102-101-PC5 Mouse IgG1-PE-Cy5 conjugate (isotype)
 SA-20102-101-PE Mouse IgG1-PE conjugate (isotype control)

Suggested Dilutions:

Western blot	N/A
Immunohistochemistry (IHC):	N/A
Immunocytochemistry (ICC):	N/A
Flow cytometry (FCM):	1:200 – 1:400
ELISA	1:5000-1:10000

Form: Antibodies are supplied in PBS, pH 7.5, 0.05% azide and 0.1% BSA in liquid (0.5-1 mg/ml) or lyophilized in the same buffer. Reconstitute powder in 100 ul water or PBS. Store at -20°C or below is suitable size Aliquots.

Shipping: 4°C for solutions and room temp for powder.