



## Product Information Sheet

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### Monoclonal Anti-CD8

**Catalogue No.** MA1017

**Lot No.** 08A12

**Clone:** CA-8

**Ig type:** mouse IgG2a

**Size:** 100µg/vial

**Specificity**

Human

No cross reactivity with other proteins.

**Recommended application**

*Immunohistochemistry(F)*

**Immunogen**

Human thymocytes followed by peripheral blood T cells.

**Purification**

Purified by the goat anti-mouse IgG affinity chromatography.

**Application**

*Immunohistochemistry(F)*

At 1µg/ml to detect CD8 in formalin or acetone fixed tissues.

*Other applications have not been tested.*

*Optimal dilutions should be determined by end user.*

**Formulation**

Lyophilized from 1.2% sodium acetate, with 2mg BSA and 0.01mg NaN<sub>3</sub> as preservative.

**Reconstitution**

1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100µg/ml.

**Storage**

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

**To reorder contact us at:**

**Antagene, Inc.**

**Toll Free: 1(866)964-2589**

**email: Info@antageneinc.com**

### BACKGROUND

The human lymphocyte differentiation antigen CD8 is encoded by a single gene that gives rise to a 33- to 34-kDa glycoprotein expressed on the cell surface as a dimer and in higher molecular mass forms.

### REFERENCE

Giblin, P.; Ledbetter, J. A.; Kavathas, P. : A secreted form of the human lymphocyte cell surface molecule CD8 arises from alternative splicing. *Proc. Nat. Acad. Sci.* 86: 998-1002, 1989.