

Monoclonal Anti-mouse CD8 α

Product reference: DDX0091

Description

CD8 exists in two forms: a CD8 heterodimer composed of a α chain and a β chain; and a homodimer of two α chains (CD8 α = Lyt2, Ly2, OX8). The heterodimer is found on essentially all thymocytes and the “suppressor/cytotoxic” subpopulation of mature T lymphocytes. CD8 acts as a coreceptor with MHC Class I-restricted T cell receptors in antigen recognition and positive selection of MHC-Class I-restricted CD8⁺ T cells. CD8 is required for the development of cytotoxic T cells.

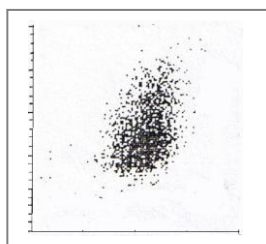
(Ledbetter JA et al, 1979, Nat. Rev. Immunol., 47, 63: 425-30; Nakauchi H et al, 1995, PNAS 85, 5126-5130)

Clone: 53.6.72 (Lyt2)
Species: rat
Specificity: mouse CD8 α (Lyt-2)
Immunogen: thymic and spleen mouse cells
Species cross-reactivity: nd
Isotype: IgG2a
Purification: QMA Hyper D ion exchange chromatography
Formulation/size: **Purified:** 100 μ g in 200 μ l / 50 μ g in 100 μ l Tris-NaCl pH 8
Coupled: 100 μ g in 200 μ l / 50 μ g in 100 μ l PBS 50% glycerol

Available formats:

Reference N°		Format	Application tested
50 μ g	100 μ g		
DDX0091P-50	DDX0091-100	purified	Flow cytometry

Applications tested: Flow cytometry



FACS staining: expression on JY transfected cells.

Usage recommendation:

- *This monoclonal antibody may be used between 1-10 μ g/ml.
- *Optimal dilution should be determined by each laboratory for each application.
- *Coupled antibody: to maintain RT before use.

Aliquot storage conditions: -20°C. **KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only