DENDRITICS

Monoclonal Anti-mouse CD8α

Product reference: DDX0091

Description

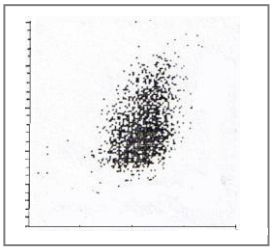
CD8 exists in two forms: a CD8 heterodimer composed of a α chain and a β chain; and a homodimer of two α chains (CD8α = Lyt2, Ly2, OX8). The heterodimer is found on essentially all thymocytes and the "suppressor/cytotoxic" subpopulation of mature T lymphocytes. CD8 acts as a coreceptor with MHC Class 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)*

Clone:	**53.6.72 (Lyt2)**
Species:	rat
Specificity:	mouse CD8α (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 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8 **Coupled**: 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol

Available formats:

Reference N°		Format	Application tested
50 µg	100 µg		
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 µg/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.
<u>Purified</u> antibodies: avoid repeated freeze/thaw cycles.
<u>Coupled</u> antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only

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