

Product datasheet for **DDX0091P-100**

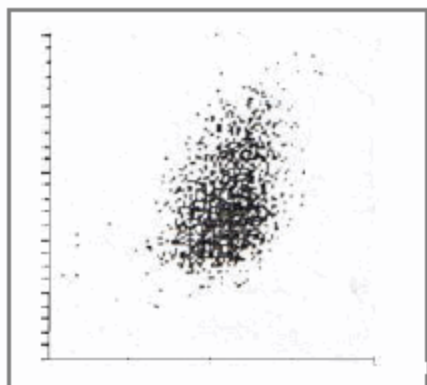
Cd8a Rat Monoclonal Antibody [Clone ID: 53.6.72(lyt2)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	53.6.72(lyt2)
Applications:	FC
Recommend Dilution:	Flow Cytometry: This monoclonal antibody may be used between 1-10 µg/ml.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	thymic and spleen mouse cells
Specificity:	Mouse CD8 α (Lyt-2).
Formulation:	State: Purified State: 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8
Concentration:	0.5 mg/ml
Purification:	QMA Hyper D ion exchange chromatography
Gene Name:	CD8 antigen, alpha chain
Database Link:	Entrez Gene 12525 Mouse
Background:	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)
Synonyms:	CD8 alpha chain, CD8A, MAL



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Product images:

FACS staining: expression on JY transfected cells.