

Product datasheet for **DDX0020P-100**

Ly75 Rat Monoclonal Antibody [Clone ID: NLDC-145]

Product data:

Product Type:	Primary Antibodies
Clone Name:	NLDC-145
Applications:	FC, IF, IHC
Recommend Dilution:	Flow Cytometry, IHC, IF
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse lymphoid tissue stroma.
Specificity:	Mouse dendritic cells.
Formulation:	Tris-NaCl pH 8 State: Purified
Concentration:	0.5 mg/ml
Purification:	QMA Hyper D ion exchange chromatography
Gene Name:	lymphocyte antigen 75
Database Link:	Entrez Gene 17076 Mouse
Background:	NLDC-145 has been described as reacting specifically with a group of nonlymphoid dendritic cells including Langerhans cells (LC), veiled cells (VC), and interdigitating cells (IDC). The antibody does not react with precursor cells in bone marrow and blood. Macrophages are not stained by the antibody, but a subpopulation of Ia ⁺ peritoneal exudate cells is recognized. It stains DC in T lymphocyte areas, including spleen white pulp but not spleen marginal zone DC or LC. The Ag is also expressed on activated macrophages and thymic cortical epithelium. DEC-205 has some similarities with mannose receptors and acts as a receptor for Ag uptake. (Kraal G., et al, <i>J.Exp.med.</i> 1986, 163, 981 ; Steinman RM, et al, <i>PNAS</i> , 2002, 99, 351-358 ; Flores-Langarica et al, <i>PNAS</i> , 2005, 102, 19039-19044) ATCC ref: HB-290TM.
Synonyms:	LY75, CLEC13B, DEC205, gp200-MR6



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