

Product datasheet for **DDX0020B-100**

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

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | NLDC-145 |
| Applications: | FC, IHC |
| Recommend Dilution: | Flow Cytometry, IHC |
| Reactivity: | Mouse |
| Host: | Rat |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Mouse lymphoid tissue stroma. |
| Specificity: | Mouse dendritic cells. |
| Formulation: | PBS 50% glycerol Label: Biotin |
| Concentration: | 0.5 mg/ml |
| Purification: | QMA Hyper D ion exchange chromatography |
| Conjugation: | Biotin |
| 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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