Monoclonal Anti-mouse DEC205/ CD205
Product reference: DDX0020

Description

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, J.Exp.med. 1986, 163, 981* ; *Steinman RM, et al, PNAS, 2002, 99, 351*-358 ; *Flores-Langarica et al, PNAS, 2005, 102, 19039*-19044) ATCC ref: HB-290TM.

Clone:	**NLDC-145**
Species:	rat
Specificity:	mouse dendritic cells
Immunogen:	mouse lymphoid tissue stroma
Species cross-reactivity:	nd
Isotype:	IgG2a
Purification:	QMA Hyper D ion exchange chromatography
Formulation/size:	**Purified**: 100 µg in 200 µl / 50µg in 100 µl Tris-NaCl pH 8
	Coupled: 100 µg in 200 µl / 50µg in 100 µl PBS 50% glycerol

Available formats:

Reference N°		Format	Application tested
50 µg	**100 µg**		
DDX0020P-50	DDX0020P-100	purified	Flow Cytometry, IHC, IF
DDX0020A488-50	DDX0020A488-100	Alexa-fluor®488	Flow Cytometry, IF
DDX0020B-50	DDX0020B-100	Biotin (*on request*)	Flow cytometry, IHC

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.