

Monoclonal Anti-mouse, human DC-LAMP/CD208

Product reference: DDX0195

Description:

The dendritic cell lysosomal-associated membrane protein (DC-LAMP)/CD208 is a type I integral transmembrane glycoprotein mostly homologous to CD68, of about 45 kDa in the mouse and 90 kDa in human (due to extensive glycosylation), with a bipartite C-terminal structure divided by a serine/proline rich region, a transmembrane domain and a conserved tyrosine-based lysosomal targeting motif in its cytoplasmic tail. DC-LAMP is specifically expressed by human DCs upon activation. However, its mouse counterpart has not been detected in mature DCs. DC-LAMP is constitutively expressed by mouse. Confocal and immunoelectron microscopy has shown that mouse DC-LAMP protein co-localizes with lbn180, a specific marker for the limiting membrane of lamellar bodies that contains lung surfactant protein B (*Salaun B et al, 2004; Eur. J. Immunol., 33: 2619-29*).

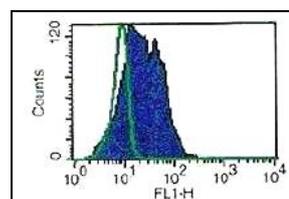
Clone:	208B5
Species:	mouse
Specificity:	murine DC-LAMP (epitope in intracytoplasmic domain)
Immunogen:	recombinant murine DC-LAMP
Species cross-reactivity:	human
Isotype:	IgG3
Purification:	QMA Hyper D Ion exchange chromatography
Formulation/size:	Purified: 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl 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		
DDX0195P-50	DDX0195P-100	Purified	Intra Flow cytometry, IHC
DDX0195A488-50	DDX0195A488-100	Alexa-fluor® 488	Intra Flow cytometry for mouse and human
DDX0195A546-50	DDX0195A546-100	Alexa- fluor® 546(<i>on request</i>)	Flow cytometry, IHC
DDX0195A647-50	DDX0195A647-100	Alexa- fluor® 647	Intra Flow cytometry for mouse and human
DDX0195B-50	DDX0195B-100	Biotin (<i>on request</i>)	Flow cytometry, IHC

Other clones available on request

Applications tested: Intracellular Flow cytometry, IHC.



Intracellular flow cytometry with anti-DC-LAMP at 5µg/ml on human monocyte-derived DC GM+ ILA (24h in LPS)

Usage recommendation:

- *This monoclonal antibody may be used between 5-10 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.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only