

Product datasheet for **DDX0195A647-100**

LAMP3 Mouse Monoclonal Antibody [Clone ID: 208B5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	208B5
Applications:	FC
Recommend Dilution:	<u>DDX0195P-50 / DDX0195P-100 Purified:</u> FACS intracellular, ImmunoHistoChemistry frozen sections. <u>DDX0195A488-50 / DDX0195A488-100 Alexa-fluor@488:</u> Intra Flow cytometry for mouse and human. <u>DDX0195A546-50 / DDX0195A546-100 Alexa-fluor@546:</u> FACS intracellular, ImmunoHistoChemistry frozen sections. <u>DDX0195A647-50 / DDX0195A647-100 Alexa-fluor@647:</u> Intra Flow cytometry for mouse and human. <u>DDX0195B-50 / DDX0195B-100 Biotin:</u> FACS intracellular, ImmunoHistoChemistry frozen sections.
	Usage recommendation: *This monoclonal antibody may be used between 5-10 µg/ml.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Recombinant Murine DC-LAMP
Specificity:	Murine DC-LAMP (epitope in intracytoplasmic domain). Species cross-reactivity: Human.
Formulation:	<u>Purified:</u> 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8. <u>Coupled:</u> 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol. Label: Alexa Fluor 647
Concentration:	0.5 mg/ml
Purification:	QMA Hyper D Ion exchange chromatography
Conjugation:	Alexa Fluor 647
Gene Name:	lysosomal associated membrane protein 3



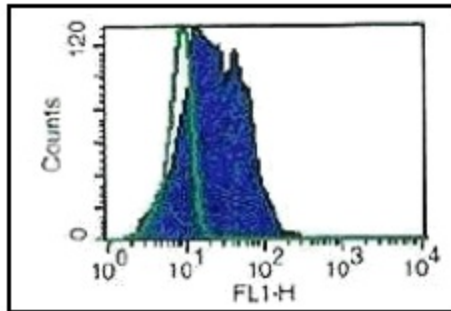
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Database Link: [Entrez Gene 27074 Human](#)

Background: 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*).

Synonyms: DCLAMP, DC-LAMP, TSC403, Dendritic Cell Marker

Product images:



Intracellular flow cytometry with anti-DC-LAMP at 5µg/ml on human monocyte-derived DC GM+ IL4 (24h in LPS)