

Monoclonal Anti-mouse DC-LAMP/CD208

Product reference: DDX0192

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 have shown that mouse DC-LAMP protein co-localizes with lbm180, a specific marker for the limiting membrane of lamellar bodies that contains lung surfactant protein B. (Salaun B et al, 2003 ; Eur. J. Immunol., 33 :9, 2619-29 ; Salaun B et al, 2004 ; Am. J. Pathol., 164 :3, 861-71 ; Rochereau N et al, Vaccine, 2011).

Clone: 1006F7.05

Species: rat

Specificity: murine DC-LAMP

Immunogen: recombinant murine DC-LAMP

Species cross-reactivity: none

Isotype: IgG2a

Purification: QMA hyper D ion exchange chromatography

Formulation/size: **Purified:** 100 µg in 200µl / 50 µg in 100 µl Tris-NaCl pH 8

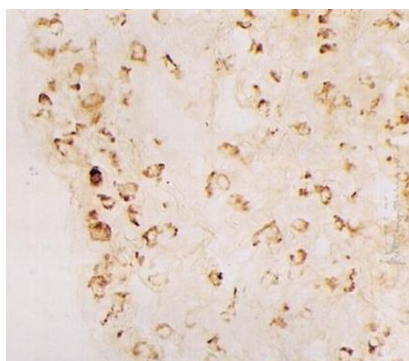
Coupled: 100 µg in 200µl / 50 µg in 100 µl PBS 50% glycerol

Available formats:

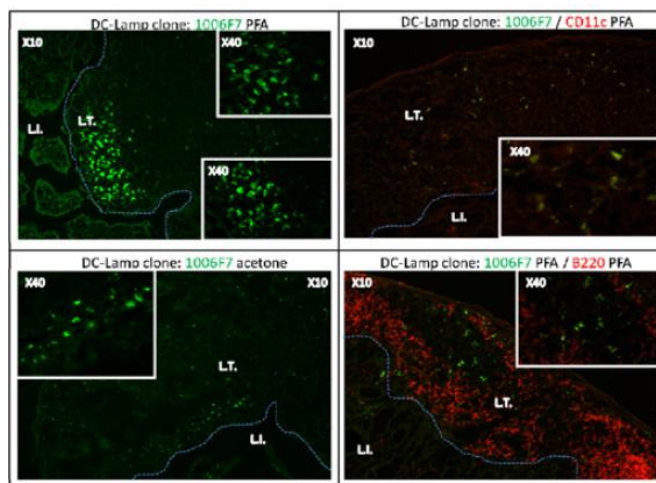
Reference N°		Format	Application tested
50 µg	100 µg		
DDX0192P-50	DDX0192P-100	Purified	Surface and Intra Flow cytometry, IHC, IF
DDX0192A488-50	DDX0192A488-100	Alexa-fluor® 488	Surface and Intra Flow cytometry, IF
DDX0192A546-50	DDX0192A546-100	Alexa- fluor® 546	Surface and Intra Flow cytometry
DDX0192A647-50	DDX0192A647-100	Alexa- fluor® 647	Surface and Intra Flow cytometry
DDX0192B-50	DDX0192B-100	Biotin (on request)	Surface and Intra Flow cytometry, IHC

Other clones available on request

Applications tested: IHC



IHC on murine type II pneumocytes



Immunostaining of murine intestine cryosections fixed with Acetone or PFA
IL: intestinal lumen; LT: lymphoid tissue

Usage recommendation:

*This monoclonal antibody may be used between 5-20µg/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