

Datasheet for ABIN133965

anti-LAMP2 antibody[Go to Product page](#)[1](#) [Image](#) [12](#) [Publications](#)

Overview

Quantity:	100 µg
Target:	LAMP2
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This LAMP2 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immunoabsorbent purified mouse macrophage glycoprotein fraction. . Fusion Partner: NS-1 . Donor: Rat spleen
Isotype:	IgG1
Specificity:	Mouse MAC-3
Purification:	Purified

Target Details

Target:	LAMP2
Alternative Name:	MAC-3 (LAMP2 Products)
Background:	Anti-mouse MAC-3 monoclonal antibody recognizes the MAC-3 antigen which is found on macrophages and some nonlymphoid tissues, but not on lymphocytes. It is a glycoprotein showing a broad band in SDS-PAGE, and is synthesized by macrophages (molecular weight 92-

Target Details

110,000 daltons, depending on the origin of macrophages). It reacts with peritoneal exudate macrophages where the exudate is provoked by thioglycollate, protease peptone, L. monocytogenes, lipopolysaccharide and concanavalin A. It does not react with thymocytes, spleen, lymph node or bone marrow cells in immunofluorescent flow cytometry. MAC-3 is a general marker for macrophages and can be used to distinguish these cells from lymphocytes. MAC-3 is differentiated from MAC-1 and MAC-2 antigens by its M (average) 110,000 and by cell distribution.

Pathways: [Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

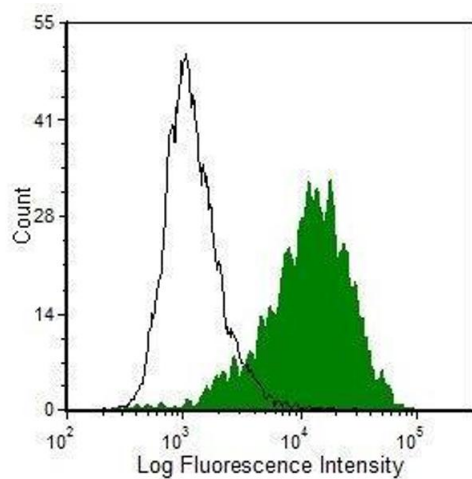
Concentration: 1.0 mg/ml

Storage: 4 °C

Publications

Product cited in: Roos Ljungberg, Börjesson, Martinsson, Wetterö, Kastbom, Svärd: "Presence of salivary IgA anti-citrullinated protein antibodies associate with higher disease activity in patients with rheumatoid arthritis." in: **Arthritis research & therapy**, Vol. 22, Issue 1, pp. 274, (2021) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)



Flow Cytometry

Image 1. Thioglycollate-elicited C57BL/6 mouse peritoneal macrophages were stained with anti-Mac-3 (clone: M3/84) (filled histogram) or rat IgG1 isotype control (open histogram).