

Product datasheet for **SM2211PS**

LAMP2 Rat Monoclonal Antibody [Clone ID: M3/84]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M3/84
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl; Results may be enhanced using permeabilisation. Immunohistochemistry on frozen sections. Immunoprecipitation.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Glycoproteins purified from mouse peritoneal macrophage membranes. Spleen cells from immunised Lewis rats were fused with cells of the mouse P3-NSI/1-Ag4-1 myeloma cell line.
Specificity:	This antibody recognises CD107b, also known as MAC-3 and LAMP-2.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	lysosomal associated membrane protein 2
Database Link:	P13473



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Background: CD107b is a transmembrane glycoprotein that is associated with lysosomal membranes and is primarily expressed on mononuclear phagocytes. Expression of CD107b does vary between cell populations and the molecular weight of CD107b can vary between 92-120kD. Studies suggest that CD107b may be involved in leucocyte adhesion.

Synonyms: LAMP-2, LAMP-2C, LAMPB