

## CD107b / LAMP2 Control Peptide

<b>Alternate names:</b>	LAMP-2, LAMP-2C, LAMPB, Lysosome-associated membrane glycoprotein 2
<b>Catalog No.:</b>	AP20058CP-N
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.2 mg/ml
<b>Uniprot ID:</b>	<a href="#">P13473</a>
<b>NCBI:</b>	<a href="#">NP_002285.1</a>
<b>GeneID:</b>	<a href="#">3920</a>
<b>Format:</b>	<b>State:</b> Liquid peptide <b>Buffer System:</b> PBS pH7.2 (10 mM NaH <sub>2</sub> PO <sub>4</sub> , 10 mM Na <sub>2</sub> HPO <sub>4</sub> , 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide
<b>Applications:</b>	LAMP-2 peptide is used for blocking the activity of LAMP-2 antibody. It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Control peptide for AP20058PU-N. Peptide consists of 17 amino acids near the center of human LAMP-2.
<b>Storage:</b>	Store at -20°C. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Charrier E, Reibel S, Rogemond V, Aguera M, Thomasset N, Honnorat J. Collapsin response mediator proteins (CRMPs): involvement in nervous system development and adult neurodegenerative disorders. <i>Mol Neurobiol.</i> 2003 Aug;28(1):51-64. PubMed PMID: 14514985. 2. Cameron HA, McKay RD. Adult neurogenesis produces a large pool of new granule cells in the dentate gyrus. <i>J Comp Neurol.</i> 2001 Jul 9;435(4):406-17. PubMed PMID: 11406822.