

LAMP1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1823a**Specification****LAMP1 Antibody (N-term) Blocking Peptide -
Product Information**Primary Accession [P11279](#)**LAMP1 Antibody (N-term) Blocking Peptide -
Additional Information****Gene ID** 3916**Other Names**

Lysosome-associated membrane
glycoprotein 1, LAMP-1,
Lysosome-associated membrane protein 1,
CD107 antigen-like family member A,
CD107a, LAMP1

Target/Specificity

The synthetic peptide sequence used to
generate the antibody [AP1823a](/product/products/AP1823a) was
selected from the N-term region of human
Autophagy LAMP1. A 10 to 100 fold molar
excess to antibody is recommended.
Precise conditions should be optimized for a
particular assay.

Format

Peptides are lyophilized in a solid powder
format. Peptides can be reconstituted in
solution using the appropriate buffer as
needed.

Storage

Maintain refrigerated at 2-8°C for up to 6
months. For long term storage store at
-20°C.

Precautions

This product is for research use only. Not
for use in diagnostic or therapeutic
procedures.

**LAMP1 Antibody (N-term) Blocking Peptide -
Protein Information****LAMP1 Antibody (N-term) Blocking
Peptide - Background**

LAMP1 is a member of a family of membrane
glycoproteins. This glycoprotein provides
selectins with carbohydrate ligands. It may
also play a role in tumor cell metastasis.

**LAMP1 Antibody (N-term) Blocking
Peptide - References**

Fukuda M., J. Biol. Chem.
263:18920-18928(1988). Sawada R., J. Biol.
Chem. 268:9014-9022(1993).

Name LAMP1 ([HGNC:6499](#))

Function

Presents carbohydrate ligands to selectins.
Also implicated in tumor cell metastasis.

Cellular Location

Cell membrane
{ECO:0000250|UniProtKB:P05300};
Single-pass type I membrane protein.
Endosome membrane; Single-pass type I
membrane protein. Lysosome membrane;
Single-pass type I membrane protein. Late
endosome membrane; Single-pass type I
membrane protein. Cytolytic granule
membrane; Single-pass type I membrane
protein. Note=This protein shuttles between
lysosomes, endosomes, and the plasma
membrane (By similarity). Colocalizes with
OSBPL1A at the late endosome
(PubMed:16176980).
{ECO:0000250|UniProtKB:P05300,
ECO:0000269|PubMed:16176980,
ECO:0000269|PubMed:17897319}

**LAMP1 Antibody (N-term) Blocking
Peptide - Protocols**

Provided below are standard protocols that you
may find useful for product applications.

- [Blocking Peptides](#)