

Product datasheet

Human LAMP1 peptide ab25744

3 References

Overview

Product name Human LAMP1 peptide

Description

Nature Synthetic

Amino Acid Sequence

Accession [P11279](#)

Species Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab25744** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking - Blocking peptide for Anti-LAMP1 antibody - Lysosome Marker ([ab24170](#))

Form Liquid

Additional notes

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

General Info

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|---|---|
| Function | Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis. |
| Sequence similarities | Belongs to the LAMP family. |
| Post-translational modifications | O- and N-glycosylated; some of the 18 N-linked glycans are polylactosaminoglycans. |
| Cellular localization | Cell membrane. Endosome membrane. Lysosome membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane. |

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