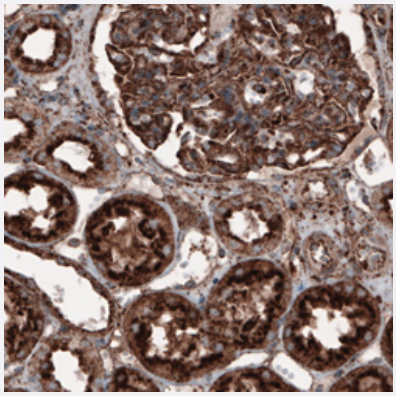
# LAMP1 monoclonal antibody, clone CL3482

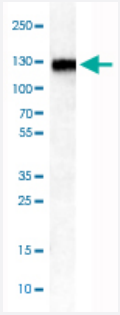
Catalog # MAB15803 Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with LAMP1 monoclonal antibody, clone CL3482 (Cat # MAB15803) shows strong granular cytoplasmic immunoreactivity in renal glomerulus and tubules cells.




### Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysate with LAMP1 monoclonal antibody, clone CL3482 (Cat # MAB15803).

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against partial recombinant human LAMP1. |
| **Immunogen** | Recombinant protein corresponding to human LAMP1. |
| **Epitope** | This antibody binds to an epitope located within the peptide sequence ESITDIRADI as determined by overlapping synthetic peptides. |
| **Sequence** | NFSAAFSVNYDTKSGPKNMTFDLPSDATVVLNRSSCGKENTSDPSLVIAFGRGHTLTLNFTRNAT RYSVQLMSFVYNLSDTHLFPNASSKEIKTVESITDIRADIDKKYRCVSGTQVHMNNVTVTLHDA |
| **Host** | Mouse |

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| | |
|---|---|
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein A purification |
| **Isotype** | IgG1 |
| **Recommend Usage** | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10000-1:20000)<br>Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with LAMP1 monoclonal antibody, clone CL3482 (Cat # MAB15803) shows strong granular cytoplasmic immunoreactivity in renal glomerulus and tubules cells.

- Western Blot (Cell lysate)

  Western Blot analysis of RT-4 cell lysate with LAMP1 monoclonal antibody, clone CL3482 (Cat # MAB15803).

## Gene Info — LAMP1

| | |
|---|---|
| **Entrez GeneID** | 3916 |
| **Protein Accession#** | P11279 |
| **Gene Name** | LAMP1 |
| **Gene Alias** | CD107a, LAMPA, LGP120 |
| **Gene Description** | lysosomal-associated membrane protein 1 |
| **Omim ID** | 153330 |
| **Gene Ontology** | Hyperlink |

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| | |
|---|---|
| **Gene Summary** | The protein encoded by this gene is a member of a family of membrane glycoproteins. This glyco protein provides selectins with carbohydrate ligands. It may also play a role in tumor cell metastas is. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000040663 |

## Pathway

- Lysosome

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