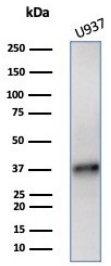
# LAMP5 Antibody / Lysosome-Associated Membrane Glycoprotein 5 [clone LAMP5/7642] (V4821)

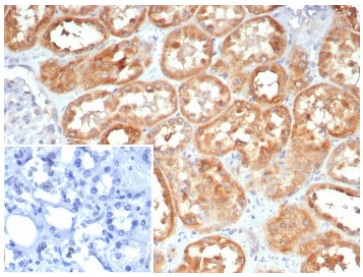
| Catalog No. | Formulation | Size |
|---|---|---|
| V4821-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4821-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4821SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

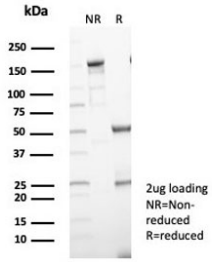
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2, kappa |
| **Clone Name** | LAMP5/7642 |
| **Purity** | Protein A/G affinity |
| **UniProt** | Q9UJQ1 |
| **Localization** | Cell Surface, Lysosome |
| **Applications** | Western blot: 1-2ug/ml<br>Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT |
| **Limitations** | This LAMP5 antibody is available for research use only. |




Western blot testing of human U937 cell lysate with LAMP5 antibody (clone LAMP5/7642). Predicted molecular weight ~31 kDa, but may be observed at higher molecular weights due to glycosylation.



IHC staining of FFPE human kidney tissue with LAMP5 antibody (clone LAMP5/7642). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free LAMP5 antibody (clone LAMP5/7642) as confirmation of integrity and purity.

## Description

Lysosome-associated membrane proteins (LAMP) are glycosylated type I membrane proteins that play a role in the biogenesis of the pigment melanin. LAMP-5, also known as C20orf103, is a 280 amino acid protein that belongs to the LAMP family and is mainly found in cytoplasmic vesicles of the neuronal cell body. LAMP-5 is up-regulated upon CpG activation and down-regulated up Toll-like receptor (TLR) ligands.

## Application Notes

Optimal dilution of the LAMP5 antibody should be determined by the researcher.

## Immunogen

Recombinant full-length human LAMP5 protein was used as the immunogen for the LAMP5 antibody.

## Storage

Aliquot the LAMP5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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