

Datasheet for ABIN4911494

anti-LAMP1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LAMP1
Reactivity:	Human, Green Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LAMP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This LAMP1 antibody is generated from a mouse immunized with a recombinant protein.
Clone:	3C3
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	African Green Monkey
Purification:	Purified by Protein G.

Target Details

Target:	LAMP1
Alternative Name:	LAMP1 (LAMP1 Products)

Target Details

Background: Synonyms: LAMPA, CD107a, LGP120, Lysosome-associated membrane glycoprotein 1, LAMP-1, Lysosome-associated membrane protein 1, CD107 antigen-like family member A, LAMP1
Background: Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis. Acts as a receptor for Lassa virus protein.

Gene ID: 3916

UniProt: [P11279](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF()

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

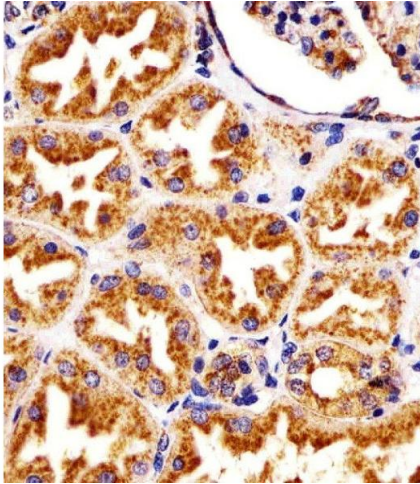
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

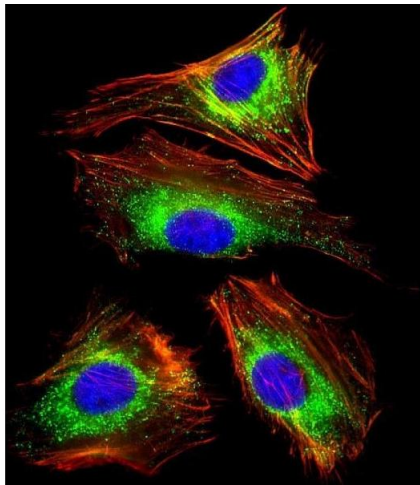
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Human kidney tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with LAMP1 (1483CT517.45.23) Monoclonal Antibody (bsm-51301M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



Immunofluorescence (Cultured Cells)

Image 2. Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells labeled with LAMP1 (1483CT517.45.23) Monoclonal Antibody (bsm-51301M) at 1/25 dilution, followed by secondary antibody (green), cytoplasmic actin staining (red), and nuclear counter stain with DAPI (blue).