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Datasheet for ABIN1449615
anti-LAMP1 antibody (N-Term)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 0.4 mL |
| Target: | LAMP1 |
| Binding Specificity: | AA 131-161, N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LAMP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

| | |
|---------------|--|
| Immunogen: | KLH conjugated synthetic peptide between 131~161 amino acids from the N-terminal region of Human LAMP1 |
| Isotype: | Ig Fraction |
| Purification: | Protein A column, followed by peptide affinity purification. The antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS |

Target Details

| | |
|-------------------|---|
| Target: | LAMP1 |
| Alternative Name: | CD107a / LAMP1 (LAMP1 Products) |
| Background: | LAMP1 is a member of a family of membrane glycoproteins. This glycoprotein provides |

Target Details

selectins with carbohydrate ligands. It may also play a role in tumor cell metastasis. Synonyms: CD107 Antigen-like Family Member A, LAMP-1, LAMPA, LGP120, Lysosome-associated membrane glycoprotein 1

Gene ID: 3916

NCBI Accession: [NP_005552](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

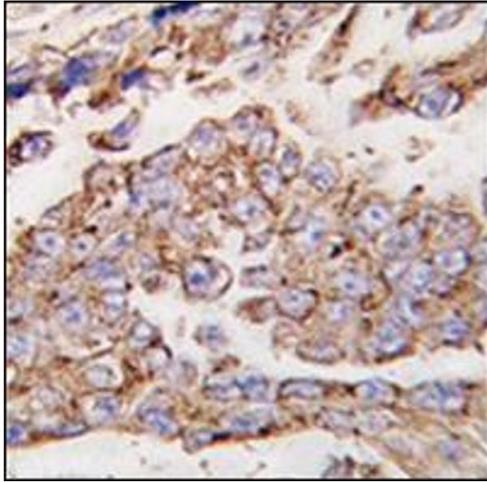
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

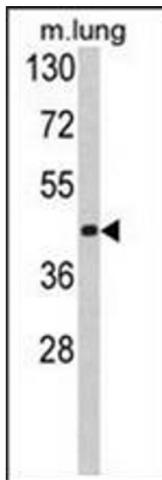
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



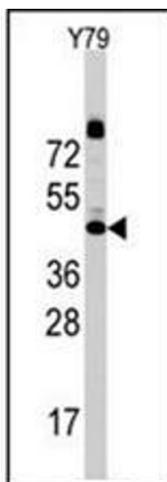
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CD107a / LAMP1 Antibody (N-term) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of CD107a / LAMP1 Antibody (N-term) in mouse lung tissue lysates (35ug/lane). LAMP1 (arrow) was detected using the purified Pab



Western Blotting

Image 3. Western blot analysis of CD107a / LAMP1 Antibody (N-term) Cat.-No AP32183PU-N in Y79 cell line lysates (35ug/lane). LAMP1 (arrow) was detected using the purified Pab (1:60 dilution).