

[KO Validated] LAMP2 Rabbit PolymAb®

Catalog No.: A26781PM **KO** **Validated** **1 Publications**

Basic Information

Observed MW

100 -130 kDa

Calculated MW

44 kDa/45 kDa

Category

Primary antibody

Applications

WB,IF/ICC,IF-F,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of this gene results in multiple transcript variants encoding distinct proteins.

Recommended Dilutions

WB	1:5000 - 1:10000
IF/ICC	1:100-1:400
IF-F	1:200 - 1:400
IF-P	1:200 - 1:800
IHC-P	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3920

Swiss Prot

P13473

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

DND; LAMPB; CD107b; LAMP-2; LGP-96; LGP110

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

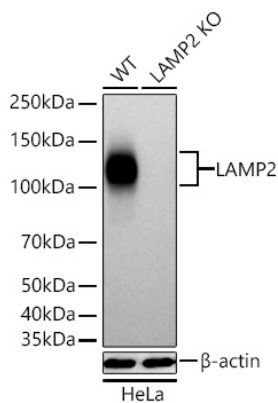
Storage

Store at -20°C

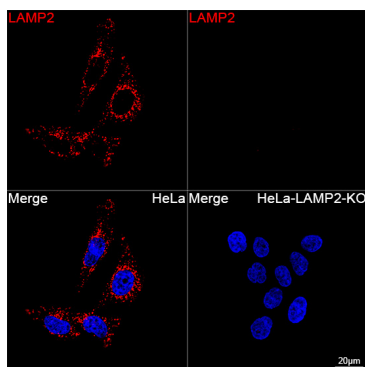
Contact

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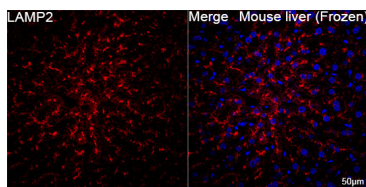
Validation Data



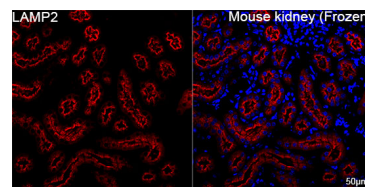
Western blot analysis of lysates from wild type (WT) and LAMP2 knockout (KO) HeLa cells using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM) at 1:10000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45 s.



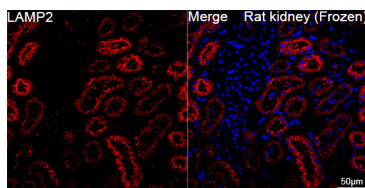
Confocal imaging of HeLa cells and LAMP2 knockout (KO) HeLa cells using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



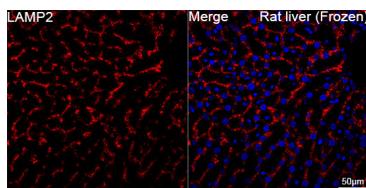
Confocal imaging of frozen sections of Mouse liver tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



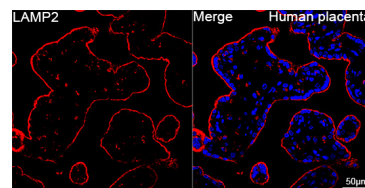
Confocal imaging of frozen sections of Mouse kidney tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of frozen sections of Rat kidney tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

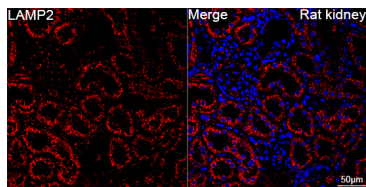


Confocal imaging of frozen sections of Rat liver tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

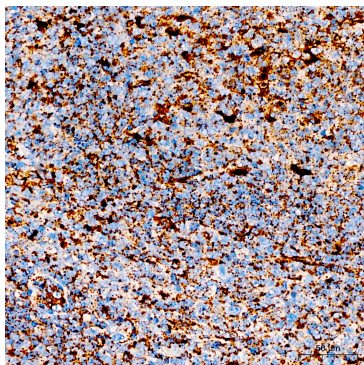


Confocal imaging of paraffin-embedded Human placenta tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

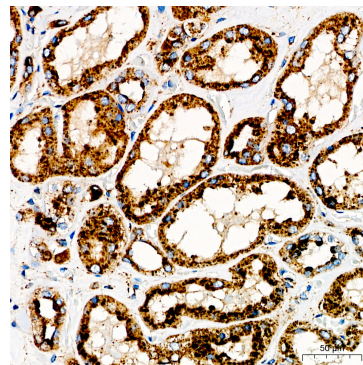
Validation Data



Confocal imaging of paraffin-embedded Rat kidney tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using [KO Validated] LAMP2 Rabbit PolymAb® (A26781PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.