# [KO Validated] LAMP2 Rabbit mAb

**ABclonal** www.abclonal.com

Catalog No.: A0593 KO Validated Recombinant 8 Publications

# **Basic Information**

### **Observed MW**

100-130kDa

### **Calculated MW**

45kDa

### Category

Primary antibody

### **Applications**

WB,IHC-P,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC0274

# **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** 1:1000 - 1:2000

1:200 - 1:2000 **IHC-P** 

**ELISA** Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 3920 P13473

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

DND; LAMPB; CD107b; LAMP-2; LGP-96; LGP110; LAMP2

## **Contact**

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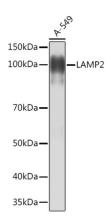
### **Product Information**

Source Isotype **Purification** lgG Rabbit Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from A-549 cells, using [KO Validated] LAMP2 Rabbit mAb (A0593) at

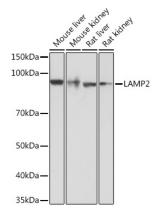
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.



Western blot analysis of various lysates using [KO Validated] LAMP2 Rabbit mAb (A0593) at 1∏1000

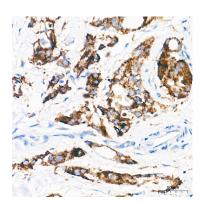
dilution

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

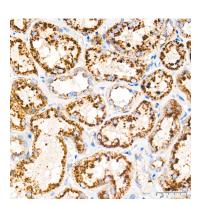
Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021).

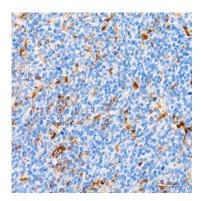
Exposure time: 3min.



Immunohistochemistry analysis of paraffinembedded Human breast cancer tissue using [KO Validated] LAMP2 Rabbit mAb (A0593) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human kidney tissue using [KO Validated] LAMP2 Rabbit mAb (A0593) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human tonsil tissue using [KO Validated] LAMP2 Rabbit mAb (A0593) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.