

Anti-LAMP1 Antibody

Catalog Number: M00780-4

About LAMP1

Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis.

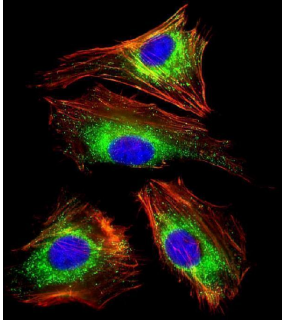
Overview

| | |
|----------------------|---|
| Product Name | Anti-LAMP1 Antibody |
| Reactive Species | African green monkey, Human |
| Description | Boster Bio Anti-LAMP1 Antibody (Catalog # M00780-4). Tested in WB, IHC-P, IF application(s). This antibody reacts with Human, African green monkey. |
| Application | IF, IHC-P, WB |
| Clonality | Monoclonal 1483CT517.45.23 |
| Formulation | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Mouse |
| Uniprot ID | P11279 |

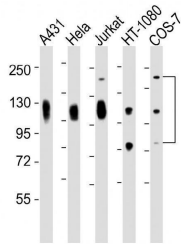
Technical Details

| | |
|----------------------------|---|
| Immunogen | This LAMP1 antibody is generated from a mouse immunized with a recombinant protein. |
| Predicted Reactive Species | Bovine, Mouse |
| Isotype | IgG1,k |
| Purification | This antibody is purified through a protein G column, followed by dialysis against PBS. |
| Suggested Dilutions | IF: 1:25 WB: 1:2000 IHC-P: 1:25 |

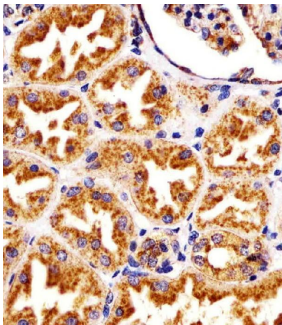
Anti-LAMP1 Antibody (M00780-4) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling LAMP1 with M00780-4 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).



All lanes : Anti-LAMP1 Antibody at 1:2000 dilution
Lane 1: A431 whole cell lysates
Lane 2: HeLa whole cell lysates
Lane 3: Jurkat whole cell lysates
Lane 4: HT-1080 whole cell lysates
Lane 5: COS-7 whole cell lysates
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 45 kDa
Blocking/Dilution buffer: 5% NFDN/TBST.



M00780-4 staining LAMP1 in human kidney sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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Anti-LAMP1 Antibody

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