BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-LAMP1 Antibody

Catalog Number: M00780-4

About LAMP1

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

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

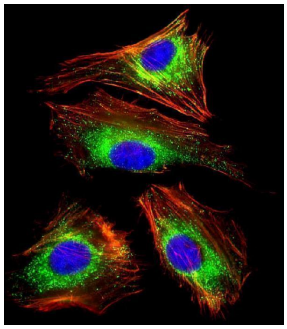
Product Name	Anti-LAMP1 Antibody
Reactive Species	African green monkey, Human
Description	Boster Bio Anti-LAMP1 Antibody (Catalog # M00780-4). Tested in WB, IHC-P, IF application(s). This antibody reacts with Human, African green monkey.
Application	IF, IHC-P, WB
Clonality	Monoclonal 1483CT517.45.23
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

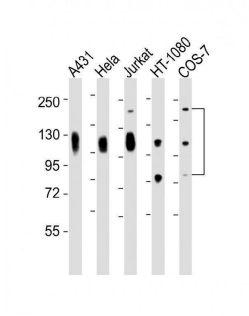
Immunogen	This LAMP1 antibody is generated from a mouse immunized with a recombinant protein.
Predicted Reactive Species	Bovine, Mouse
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	IF: 1:25 WB: 1:2000 IHC-P: 1:25

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

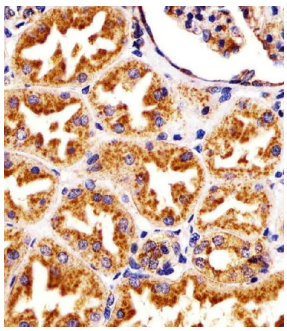
Anti-LAMP1 Antibody (M00780-4) Images



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 dilutionLane 1: A431 whole cell lysatesLane 2: Hela whole cell lysatesLane 3: Jurkat whole cell lysatesLane 4: HT-1080 whole cell lysatesLane 5: COS-7 whole cell lysatesLysates/proteins at 20 ug per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 45 kDaBlocking/Dilution buffer: 5% NFDM/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.

For Research Use Only. Not for use in diagnostic procedures.