### bs-1970R

## [ Primary Antibody ]

# LAMP1 Rabbit pAb



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– DATASHEET ––––––		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: <b>WB</b> (1:500-1:2000)
Clonality: Polyclonal	-	<b>IHC-P</b> (1:100-500)
GenelD: 3916	SWISS: P11279	<b>IF</b> (1:100-500)
Target: LAMP1		Flow-Cyt (2ug/Test)
Immunogen: KLH conjugated synthetic peptide derived from human LAMP-1: 301-417/417.		Reactivity: Human
<b>Concentration:</b> 1mg/ml	Protein A	
Storage: 0.01M TBS (pH7.4) Glycerol. Shipped at 4°C. Sto freeze/thaw cycles Background: Lysosome associat Igp120 or IgpA, is a transported from t lysosomes. Upon o membrane is depe motif (YXXI). Pertur based motif relativ localization of LAM plasma membrane LAMP2 have been s peripheral blood m endothelium, there of PBMCs to the sit	with 1% BSA, 0.02% Proclin300 and 50% ore at -20°C for one year. Avoid repeated ed membrane protein (LAMP1), also known as type 1 integral membrane protein that is rans Golgi networks to endosomes and then ell activation, LAMP1 transfer to the plasma ndent on a carboxyl terminal tyrosine based bation in the spacing between the tyrosine e to the membrane abolishes lysosome P1. This mutant protein then cycles between the and the endosome. Cell surface LAMP1 and shown to promote adhesion of human bononuclear cells (PBMC) to vascular efore they are possibly involved in the adhesion e of inflammation.	Predicted MW.: <sup>42 kDa</sup> Subcellular Location: <sup>Cell</sup> membrane ,Cytoplasm



Sample: Lane 1: Human HT-1080 cell lysates Lane 2: Human HeLa cell lysates Lane 3: Human JAR cell lysates Primary: Anti-LAMP1 (bs-1970R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: kDa Observed band size: 95 kDa



Paraformaldehyde-fixed, paraffin embedded Human Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with LAMP1 Polyclonal Antibody, Unconjugated (bs-1970R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed MCF-7 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (LAMP1) polyclonal Antibody, unconjugated (bs-1970R) 1:200, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG



Blank control: Jurkat. Primary Antibody (green line): Rabbit Anti-LAMP1 antibody (bs-1970R) Dilution: 2ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype control (orange



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with LAMP1 Polyclonal Antibody, Unconjugated (bs-1970R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

antibody (green, bs-0295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control. line) : Normal Rabbit IgG Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

## - SELECTED CITATIONS -

- [IF=9.11] Sun, Ming-Xia, et al. "Porcine reproductive and respiratory syndrome virus induces autophagy to promote virus replication." Autophagy 8.10 (2012): 1434-1447. ICC ;= "Monkey". 22739997
- [IF=9.3] Zhang Zhixin. et al. Glutamine metabolism modulates microglial NLRP3 inflammasome activity through mitophagy in Alzheimer's disease. J NEUROINFLAMM. 2024 Dec;21(1):1-21 IF; MOUSE. 39407211
- [IF=8.3] DeshpandeRavindra Pramod. et al. MHC-I upregulation by macbecin II in the solid tumors potentiates the effect of active immunotherapy. EMBO MOL MED. 2025 三月 14 IHC ; Mouse. 40087501
- [IF=8.322] Peng, Jialing. et al. Morphine-induced microglial immunosuppression via activation of insufficient mitophagy regulated by NLRX1. J NEUROINFLAMM. 2022 Dec;19(1):1-21 ICC ;MOUSE. 35414088
- [IF=7.7] Jing Lv. et al. miR-221-5p\_R-4 regulates internalized trehalose-induced autophagy by targeting NRBF2 in porcine granulosa cells. INT J BIOL MACROMOL. 2024 Oct;:136718 WB ;Porcine. 39447807