

Anti-LAMP1 antibody (29-382) (STJ11104366)
STJ11104366

GENERAL INFORMATION

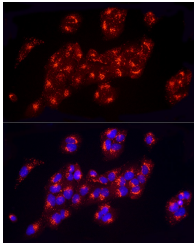
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

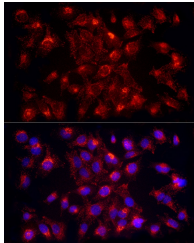
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

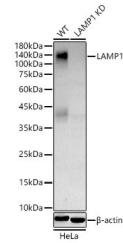
Gene ID	3916
Gene Symbol	LAMP1
Uniprot ID	LAMP1_HUMAN
Immunogen Region	29-382
Specificity	A synthetic peptide corresponding to a sequence within amino acids 29-382 of human LAMP1 (NP_005552.3).
Immunogen Sequence	AMFMVKNNGTACIMANFSA AFSVNYDTKSGPKNMTFDLP SDATVVLNRSSCGKENTSDP SLVIAFGRGHTLTNFTRNA TRYSQLMSFVYNLSDTHLF PNASSKEIKTVESITDIRAD IDKKYRCVSGTQVHMNNVTV TLHDATIQAYLSNSSFSRGE TRCEQDRPSPPTAPPAPPSP SPSVPVKSPSVDKYNVSGTN GTCLASMGQLNLTYERKD NTTVTRLLNINPNKTSASG



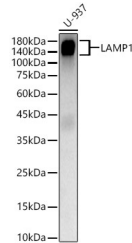
Immunofluorescence analysis of U2OS cells using [KD Validated] LAMP1 Rabbit polyclonal antibody (STJ11104366) at dilution of 1:20 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using [KD Validated] LAMP1 Rabbit polyclonal antibody (STJ11104366) at dilution of 1:20 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and LAMP1 knockdown (KD) HeLa cells, using [KD Validated] LAMP1 Rabbit polyclonal antibody (STJ11104366) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of lysates from U-937, using [KD Validated] LAMP1 Rabbit polyclonal antibody (STJ11104366) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.