

Anti-LAMP1 antibody (Full Length) [5H6] (STJA0003675)

STJA0003675

GENERAL INFORMATION

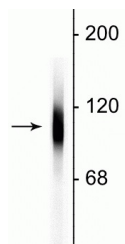
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-LAMP1 (Full Length) is suitable for use in Western Blot, Immunohistochemistry and Immunocytochemistry research applications.
Applications	WB/IHC/ICC
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

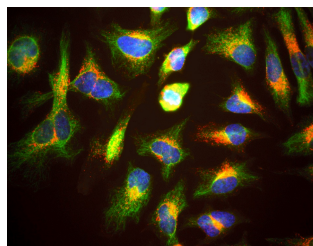
Clonality	Monoclonal
Clone ID	5H6
Concentration	
Conjugation	Unconjugated
Purification	This antibody was protein g purified culture from supernatant.
Dilution Range	WB 1:5000 IHC 1:2000 ICC 1:500-1:2000
Formulation	100 ul in PBS + 10 mM Sodium Azide.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

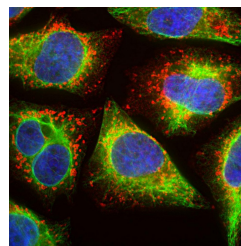
Gene ID	3916
Gene Symbol	LAMP1
Uniprot ID	LAMP1_HUMAN
Immunogen	Recombinant full length human LAMP1 expressed in and purification from E. coli.
Immunogen Region	Full Length
Specificity	
Immunogen Sequence	



Western blot of HeLa cell lysate showing specific immunolabeling of the ~100 kDa LAMP1 protein.



Immunostaining of HeLa cells showing specific, strong cytoplasmic labeling of LAMP1 (STJA0003675, red, 1:2000) corresponding to lysosomes and late endosomes. Additional staining with Anti-Vimentin (STJA0003823, green, 1:500) specifically labeling the intermediate filament network. The blue stain is DAPI to reveal nuclear DNA.



Immunolabeling of HeLa cells showing vesicular staining of LAMP1 protein (STJA0003675, red, 1:2000) accumulated in swollen lysosomes, while Anti-Vimentin (STJA0003823, green, 1:500) specifically labels the intermediate filament network in these cells. The blue stain is DAPI to reveal nuclear DNA.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081