

Product Datasheet

LAMP-1 Polyclonal Antibody GRP445

Description

Lysosome associated membrane protein (LAMP1), also known as Igp120 or IgpA, is a type 1 integral membrane protein that is transported from trans Golgi networks to endosomes and then lysosomes. Upon cell activation, LAMP1 transfer to the plasma membrane is dependent on a carboxyl terminal tyrosine based motif (YXXI). Perturbation in the spacing between the tyrosine based motif relative to the membrane abolishes lysosome localization of LAMP1. This mutant protein then cycles between the plasma membrane and the endosome. Cell surface LAMP1 and LAMP2 have been shown to promote adhesion of human peripheral blood mononuclear cells (PBMC) to vascular endothelium, therefore they are possibly involved in the adhesion of PBMCs to the site of inflammation.

Species/Host

Rabbit

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested Applications

FC, ICC, IF, IHC-P, WB

Immunogen

KLH conjugated synthetic peptide derived from human LAMP-1 (public_immunogen_range: 300-350/417)

Form/Appearance

Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.

Concentration

1µg/ul

Storage

Store at -20°C for 12 months.

Note

For research use only.

Isotype

IgG

Clonality

Polyclonal

Purity

Purified by Protein A.

Uniprot ID

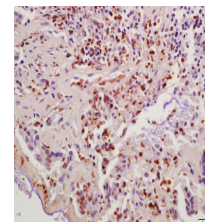
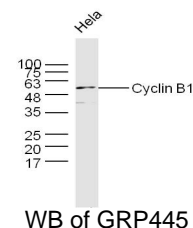
P11279

Entrez

3916

Dilution Range

WB: 1:300-1000, FC: 1:20-100, IHC-P: 1:200-400, IF: 1:50-200



IHC-P of GRP445