

LAMP2 antibody PE-Cy5 conjugated

Catalog No: #C92934PE-Cy5

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Description

Product Name	LAMP2 antibody PE-Cy5 conjugated
Brief Description	Rabbit Polyclonal
Host Species	Rabbit
Clonality	Polyclonal
Purification	affinity purified by Protein A
Applications	IF, FC, ICC/IF
Species Reactivity	Human, Mouse, Rat
Immunogen Description	KLH conjugated synthetic peptide derived from human LAMP2: 301-411/411
Target Name	LAMP2
Uniprot	P13473
GeneID	3920
Calculated MW	45 kDa
Concentration	1mg/ml
Formulation	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF 1:100-500, FC 1ug/test, ICC/IF 1:50-200

Background

The protein encoded by the LAMP2 gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands and is thought to play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of the gene produces two known products, LAMP2a and LAMP2b. Isoform LAMP2a is highly expressed in placenta, lung and liver and has low expression in brain and skeletal muscle. The isoform detected by this antibody, LAMP2b, is highly expressed in skeletal muscle less so in brain, placental, lung, kidney and pancreas and has very low expression in liver.

Note: This product is for in vitro research use only