

AB-NN284-2

LAMP2 Antibody

Pan-specific monoclonal antibody (GL2A7) for monitoring the expression of mouse LAMP2



KINEXUS

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Target Protein

Name Long:	Lysosome-associated membrane glycoprotein 2 (LAMP2)
Alias:	CD107b, Igp110, Igp2, Lamp2C, LampB, MAC3, Lysosome-associated membrane glycoprotein 2, LAMP-2, Lysosome-associated membrane protein 2, CD107 antigen-like family member B, Lysosomal membrane glycoprotein type B, LGP-B
UniProt ID:	P17047 - Mouse
Human Predicted Mass (kDa):	45.170 (411 AA; P13473-3); 44.961 (410 AA; P13473-4); 44.956 (410 AA; P13473-2)
Observed SDS-PAGE Mass (kDa):	100-110

Immunogen

Antibody Immunogen Source:	Purified preparation of mouse liver lysosomal membranes
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Production

Antibody Host Species:	Rat
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	24 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF IP
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:500); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rabbit
Antibody Positive Control:	1 µg/ml of SMC-141 was sufficient for detection of LAMP2 in 20 µg of rat liver microsomes by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~100-110 kDa protein.
Antibody Specificity:	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987