

AB-NN284-1

LAMP1 Antibody

Pan-specific monoclonal antibody (Ly1C6) for monitoring the expression of rat LAMP1



KINEXUS

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Target Protein

Name Long:	Lysosome-associated membrane glycoprotein 1 (LAMP1)
Alias:	CD107, CD107a, LAMPA, LGP120, IgpA, Lysosome-associated membrane glycoprotein 1, CD107 antigen-like family member A, 120 kDa lysosomal membrane glycoprotein, Lamp-1
UniProt ID:	P14562 - Rat
Human Predicted Mass (KDa):	44.882 (417 AA; A0A024RDY3-1)
Observed SDS-PAGE Mass (KDa):	120

Immunogen

Antibody Immunogen Source:	Rat liver lysosomal membrane preparations
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	151 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); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Rat Hamster
Antibody Positive Control:	1 µg/ml was sufficient for detection of LAMP1 in rat liver microsome by ECL immunoblot analysis.
Target Detection Immunoblotting:	Detects a ~120 kDa protein.

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