

# Product Datasheet

## LAMP-2/CD107b Antibody (H4B4) [Biotin] NBP2-22217B

Unit Size: 0.1 ml

Store at 4C in the dark.

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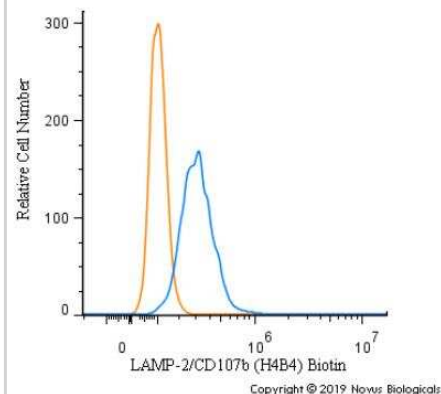


**NBP2-22217B****LAMP-2/CD107b Antibody (H4B4) [Biotin]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	H4B4
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Biotin
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	45 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3920
<b>Gene Symbol</b>	LAMP2
<b>Species</b>	Human, Mouse, Chicken, Rat (Negative)
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 27863209). Chicken reactivity reported in scientific literature (PMID: 30298003).
<b>Marker</b>	Late Endosome / Lysosome marker
<b>Immunogen</b>	LAMP-2/CD107b Antibody (H4B4) was made using a human adherent spleen cells.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, CyTOF-ready, Knockout Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Flow Cytometry: LAMP-2/CD107b Antibody (H4B4) [Biotin] [NBP2-22217B] - An intracellular stain was performed on HeLa cells with LAMP-2/CD107b Antibody [H4B4] NBP2-22217B (blue) and a matched isotype control (orange). Both antibodies were conjugated to Biotin. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Streptavidin - R-Phycoerythrin Protein (2012-1000, Novus Biologicals).





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### **Products Related to NBP2-22217B**

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NBP2-29370	Streptavidin Native Protein
IC002B	Mouse IgG1 Isotype Control (11711) [Biotin]
NBP2-50563-50ug	Recombinant Mouse LAMP-2/CD107b His Protein
137-PS-050	P-Selectin/CD62P

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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