

# Product Datasheet

## LAMP-2/CD107b Antibody (5N8J3)

### NBP3-15282-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15282-100ul****LAMP-2/CD107b Antibody (5N8J3)**

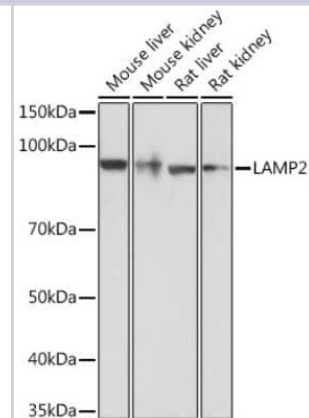
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5N8J3
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
<b>Description</b>	Novus Biologicals Rabbit LAMP-2/CD107b Antibody (5N8J3) (NBP3-15282) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3920
<b>Gene Symbol</b>	LAMP2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 311-410 of human LAMP-2/CD107b (P13473). FSIANNLSYWDAPLGSSYMCNKEQTVSVSGAFQINTFDLRVQPFNVTQGKYS TAQDCSADDDNFLVPIAVGAALAGVLILVLLAYFIGLKHHHAGYEQF

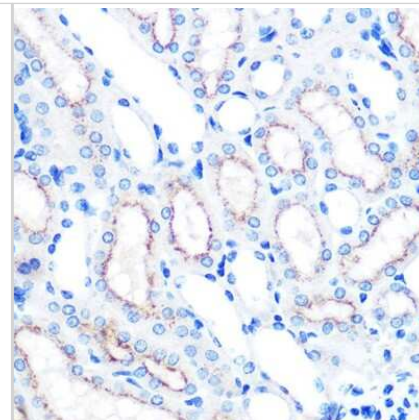
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

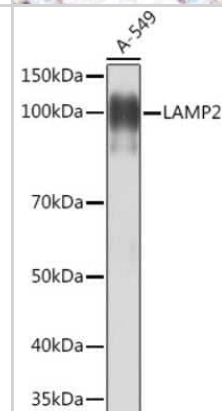
Western Blot: LAMP-2/CD107b Antibody (5N8J3) [NBP3-15282] - Western blot analysis of extracts of various cell lines, using LAMP-2/CD107b Rabbit mAb (NBP3-15282) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3min.



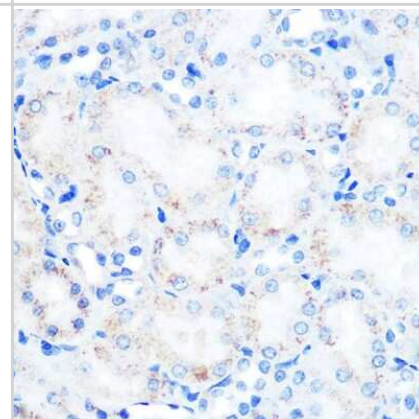
**Immunohistochemistry-Paraffin: LAMP-2/CD107b Antibody (5N8J3) [NBP3-15282]** - Immunohistochemistry of paraffin-embedded mouse kidney using LAMP-2/CD107b Rabbit mAb (NBP3-15282) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



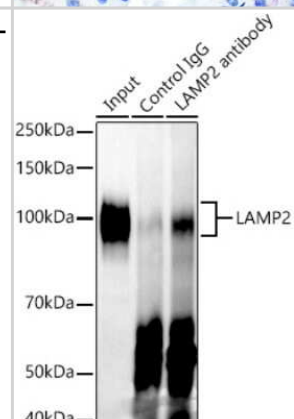
**Western Blot: LAMP-2/CD107b Antibody (5N8J3) [NBP3-15282]** - Western blot analysis of extracts of A-549 cells, using LAMP-2/CD107b Rabbit mAb (NBP3-15282) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



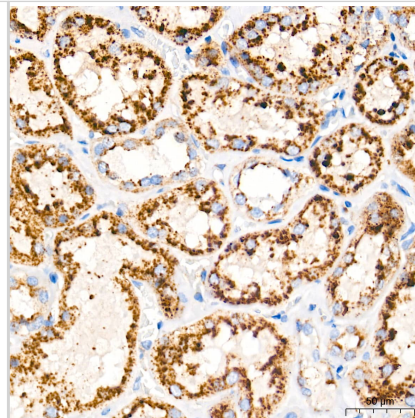
**Immunohistochemistry-Paraffin: LAMP-2/CD107b Antibody (5N8J3) [NBP3-15282]** - Immunohistochemistry of paraffin-embedded rat kidney using LAMP-2/CD107b Rabbit mAb (NBP3-15282) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



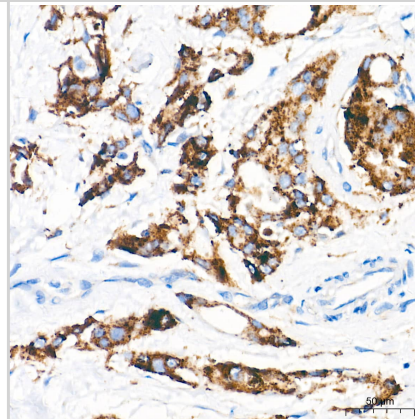
**Immunoprecipitation: LAMP-2/CD107b Antibody (5N8J3) [NBP3-15282]** - Immunoprecipitation analysis of 300ug extracts of A-549 cells using 3ug LAMP-2/CD107b antibody (NBP3-15282). Western blot was performed from the immunoprecipitate using LAMP-2/CD107b antibody (NBP3-15282) at a dilution of 1:1000.



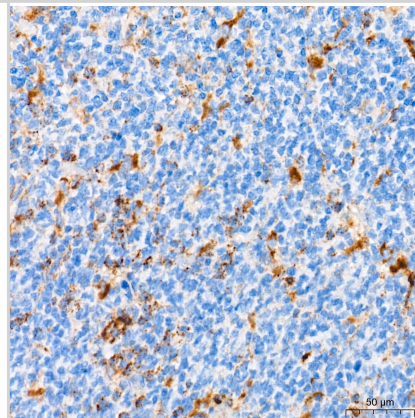
Immunohistochemistry: LAMP-2/CD107b Antibody (5N8J3) [LAMP-2/CD107b] - Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using LAMP-2/CD107b Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: LAMP-2/CD107b Antibody (5N8J3) [LAMP-2/CD107b] - Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using LAMP-2/CD107b Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: LAMP-2/CD107b Antibody (5N8J3) [LAMP-2/CD107b] - Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using LAMP-2/CD107b Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.





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### **Products Related to NBP3-15282-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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