

# Product Datasheet

## **LAMP-1/CD107a Antibody (B-T47) - Azide Free** **NBP1-44541**

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-44541**

LAMP-1/CD107a Antibody (B-T47) - Azide Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	B-T47
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4), 0.2 um filter sterilized
<b>Target Molecular Weight</b>	120 kDa

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	3916
<b>Gene Symbol</b>	LAMP1
<b>Species</b>	Human
<b>Marker</b>	Late Endosome Marker
<b>Specificity/Sensitivity</b>	The antibody B-T47 recognizes CD107a, a 100-120 kDa glycoprotein expressed mainly on lysosomal, but also on the plasma membrane.
<b>Immunogen</b>	U937 human Caucasian histiocytic lymphoma cell line

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry 1 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:200, CyTOF-ready
<b>Application Notes</b>	This antibody is Cytof ready.

**Publications**

Kitahara T, Haraguchi N, Takahashi H et al. Identification and Characterization of CD107a as a Marker of Low Reactive Oxygen Species in Chemoresistant Cells in Colorectal Cancer. Ann. Surg. Oncol. 2016-11-10 [PMID: 27834032] (Human)



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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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