

# Product Datasheet

## MD-1/LY86 Antibody - BSA Free NB100-56700

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 3

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**NB100-56700**

MD-1/LY86 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

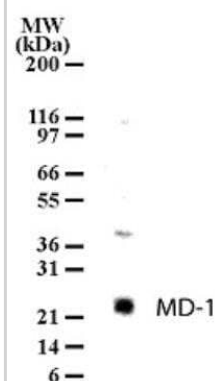
Product Description	
Host	Rabbit
Gene ID	9450
Gene Symbol	LY86
Species	Human, Mouse
Immunogen	This antibody was developed against a KLH-conjugated synthetic peptide corresponding to amino acids 112-125 of human MD-1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	In Ramos, a 25 kDa band is observed.

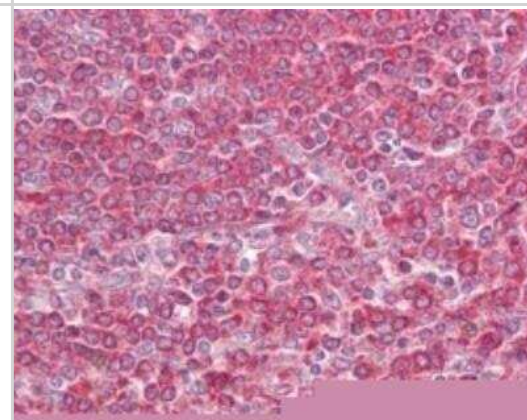


## Images

Western Blot: MD-1/LY86 Antibody [NB100-56700] - Analysis of MD-1 in Ramos lysate using MD-1 antibody at 2 ug/ml.



Immunohistochemistry-Paraffin: MD-1/LY86 Antibody [NB100-56700] - Analysis of human spleen using MD-1 antibody at 10 ug/ml.



## Publications

Kunda PE, Cavicchia JC, Acosta CG. Lipopolysaccharides and trophic factors regulate the LPS receptor complex in nodose and trigeminal neurons. Neuroscience. 2014-09-11 [PMID: 25218806] (WB, Mouse)

### Details:

MD1/LY86 antibody used for WB on lysates of neurons from trigeminal and nodose ganglia of CD-1 mice /postnatal day 5. Spleen lysate was used as positive control and the WB Images are shown in Fig. 1A.

Malek RL, Wang HY, Kwitek AE et al. Physiogenomic resources for rat models of heart, lung and blood disorders. Nat Genet. 2006-02-01 [PMID: 16415889]

Srivastava MD, Srivastava BI. Expression of mRNA and proteins for toll-like receptors, associated molecules, defensins and LL-37 by SRIK-NKL, a CD8+ NK/T cell line. Leuk Res. 2005-07-01 [PMID: 15927677]

### Details:

IF/ICC in SRIK-NKL cells: TLR2 (IMG416), TLR4 (IMG-417), TLR7 (IMG-581), and TLR9 (IMG-305).



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### **Products Related to NB100-56700**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-56700PEP	MD-1/LY86 Antibody Blocking Peptide

### **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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