

# Product Datasheet

## NKG2D/CD314 Antibody NB100-1891

Unit Size: 0.1 mg

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

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**NB100-1891**

## NKG2D/CD314 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

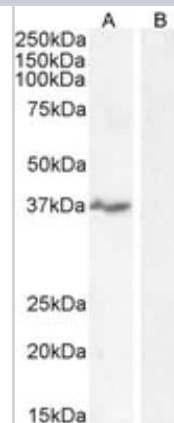
Product Description	
Host	Goat
Gene ID	22914
Gene Symbol	KLRK1
Species	Human
Immunogen	Peptide with sequence C-KVYSKEDQDLLK corresponding to internal region according to NP_031386.2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.5 ug/mL, Flow Cytometry 10 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx 36-37 kDa band observed in lysates of cell line MOLT4 (calculated MW of 25.3kDa according to NP_031386.2).

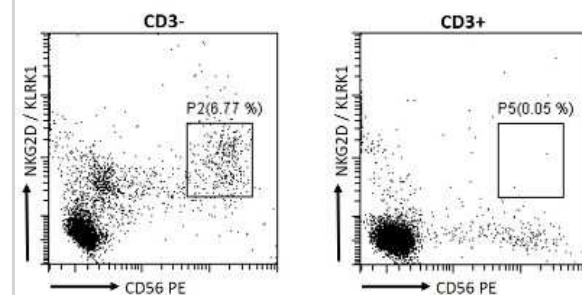


## Images

Western Blot: NKG2D/CD314 Antibody [NB100-1891] - Staining of MOLT-4 cell lysate (A) + peptide (B) with antibody at 0.5 ug/mL (35ug protein in RIPA buffer). Detected by chemiluminescence.



Flow Cytometry: NKG2D/CD314 Antibody [NB100-1891] - Flow cytometric analysis of human peripheral blood monocytes. Primary incubation 30 minutes (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml).



## Publications

Hayakawa Y, Smyth MJ. Innate immune recognition and suppression of tumors. *Adv Cancer Res* 2006-01-01 [PMID: 16860661]

Han Y, Zhang M, Li N et al. KLRL1, a novel killer cell lectinlike receptor, inhibits natural killer cell cytotoxicity. *Blood* 2004-11-01 [PMID: 15238421]



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### **Products Related to NB100-1891**

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NB820-59259	Human Spleen Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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