

# Product Datasheet

## Arginase 1/ARG1/liver Arginase Antibody (034) - Azide and BSA Free NBP2-89915-100ul

Unit Size: 100 ul

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

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**NBP2-89915-100ul**

Arginase 1/ARG1/liver Arginase Antibody (034) - Azide and BSA Free

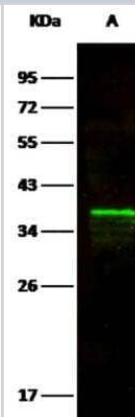
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	034
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	383
Gene Symbol	ARG1
Species	Human
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Arginase 1/ARG1/liver Arginase (Uniprot#: P05089-1; Met 1-Lys 322).

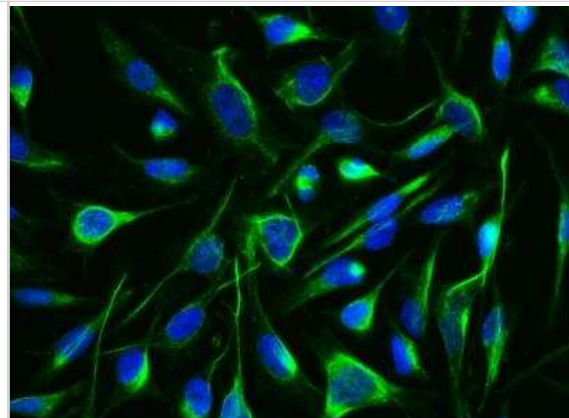
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:100-1:500, ELISA 1:25000-1:50000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunohistochemistry-Paraffin 1:500-1:2500

**Images**

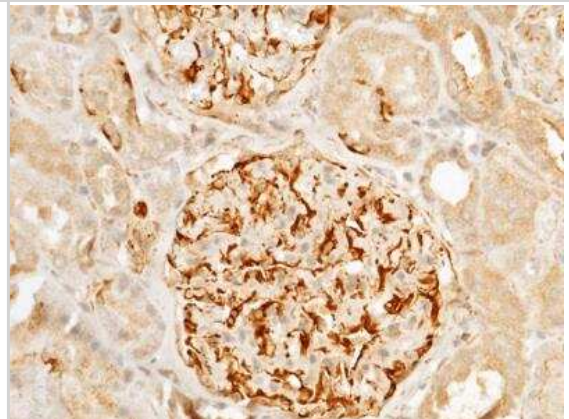
Western Blot: Arginase 1/ARG1/liver Arginase Antibody (034) [NBP2-89915] - Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:35 kDa Observed band size:40 kDa



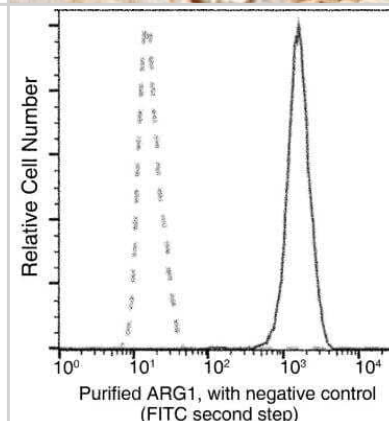
Immunocytochemistry/Immunofluorescence: Arginase 1/ARG1/liver Arginase Antibody (034) [NBP2-89915] - Staining of ARG1 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ARG1 monoclonal antibody (dilution ratio 1:60) at 4c overnight. Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).



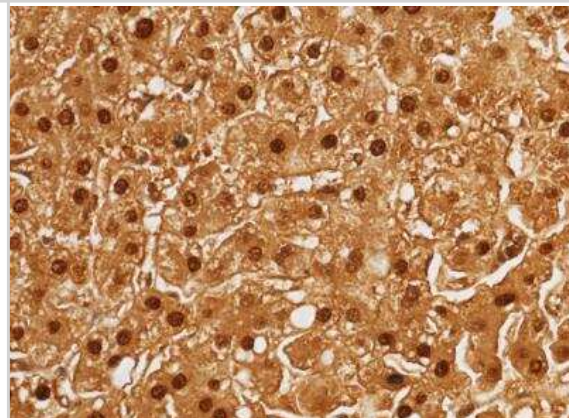
Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (034) [NBP2-89915] - Staining of human ARG1 in human kidney with rabbit monoclonal antibody (1:1000).



Flow Cytometry: Arginase 1/ARG1/liver Arginase Antibody (034) [NBP2-89915] - Analysis of Human ARG1 expression on HepG2 cells. The cells were treated, stained with purified anti-Human ARG1, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (034) [NBP2-89915] - Staining of human ARG1 in human liver with rabbit monoclonal antibody (1:1000).





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### **Products Related to NBP2-89915-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-14787PEP	Arginase 1/ARG1/liver Arginase Recombinant Protein Antigen

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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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