

Product Datasheet

Arginase 1/ARG1/liver Arginase Antibody NB100-59739

Unit Size: 0.1 mg

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

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NB100-59739

Arginase 1/ARG1/liver Arginase 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 (pH 7.3), 0.5% BSA
Target Molecular Weight	35 kDa

Product Description	
Host	Goat
Gene ID	383
Gene Symbol	ARG1
Species	Human, Mouse
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Canine.
Specificity/Sensitivity	Please note that ARG1 is not expressed in Human M2 macrophages, but it is in other species (eg rodents).
Immunogen	Peptide with sequence C-REGNHKPIDYLNPPK corresponding to C-Terminus according to NP_000036.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/mL, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 37 kDa band observed in human liver lysates (calculated MW of 34.7 kDa band according to NP_000036.2. A customer has reported positive results on mouse leukaemic monocyte macrophage cells (RAW 264.7)

Publications

Jiang M, Ding Y, Su Y et al. Arginase-flotillin interaction brings arginase to red blood cell membrane. FEBS Lett 2006-12-11 [PMID: 17113085]





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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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