

Datasheet for ABIN7427489
anti-ARG antibody (AA 1-323)[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	ARG
Binding Specificity:	AA 1-323
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ARG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Arginase (ARG)
Immunogen:	Recombinant Arginase (ARG) corresponding to Met1~Lys323 with N-terminal His Tag
Clone:	12#
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ARG. It has been selected for its ability to recognize ARG in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	ARG
Alternative Name:	Arginase (ARG Products)
Background:	ARG1, Arginase I, Liver Arginase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

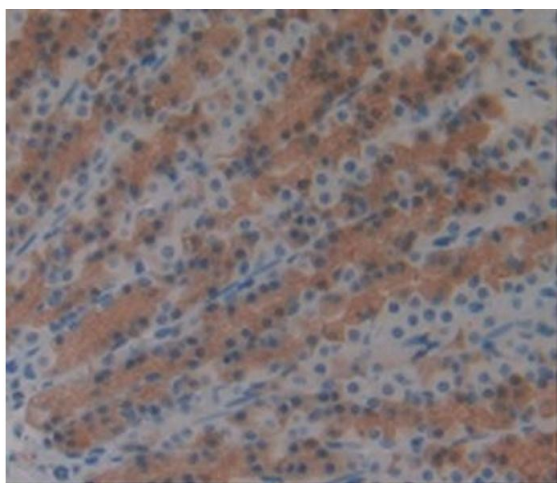
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



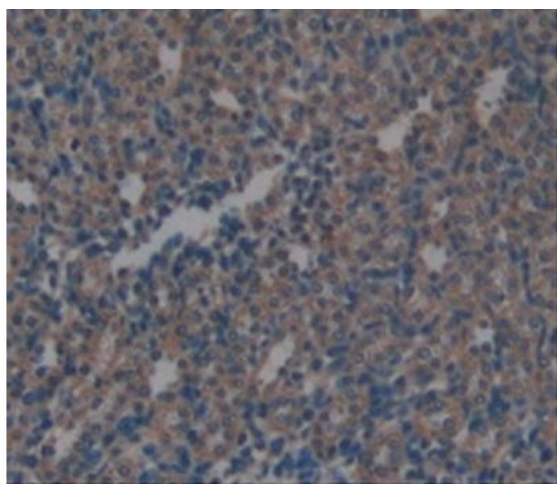
Western Blotting

Image 1. Detection of ARG in Porcine Liver lysate using Monoclonal Antibody to Arginase (ARG)



Immunohistochemistry

Image 2. Detection of ARG in Rat Stomach Tissue using Monoclonal Antibody to Arginase (ARG)



Immunohistochemistry

Image 3. Detection of ARG in Rat Kidney Tissue using Monoclonal Antibody to Arginase (ARG)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7427489.