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# Anti-ARG1/Arginase 1 Rabbit Monoclonal Antibody

**Catalog Number:** M01106-1

## Overview

| | |
|---|---|
| Product Name | Anti-ARG1/Arginase 1 Rabbit Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-ARG1/Arginase 1 Rabbit Monoclonal Antibody catalog # M01106-1. Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat. |
| Application | IP, WB |
| Clonality | Monoclonal ADG-1 |
| Formulation | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P05089 |

## Technical Details

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|---|---|
| Immunogen | A synthesized peptide derived from human ARG1 |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5mg/ml |
| Purification | Affinity-chromatography |
| Suggested Dilutions | WB 1:500-2000<br>IP 1:20 |

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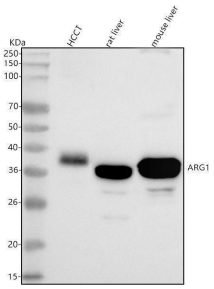
# Anti-ARG1/Arginase 1 Rabbit Monoclonal Antibody (M01106-1) Images




Western blot analysis of ARG1 using anti-ARG1 antibody (M01106-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human hepatocellular carcinoma tumor tissue (HCCT) lysates, Lane 2: rat liver tissue lysates, Lane 3: mouse liver tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ARG1 antigen affinity purified monoclonal antibody (Catalog # M01106-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:1000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for ARG1 at approximately 36, 38 kDa. The expected band size for ARG1 is at 35 kDa.

## 3 Publications Citing This Product

1. PubMed ID: 32908940, Liao H,Li Y,Zhang X,Zhao X,Zheng D,Shen D,Li R. Protective Effects of Thalidomide on High-Glucose-Induced Podocyte Injury through In Vitro Modulation of Macrophage M1/M2 Differentiation.J Immunol Res.2020 Aug 27;2020:8263598.doi:10.1155/2020/8263598.PMID

2. PubMed ID: 28615349, CFTR protects against vascular inflammation and atherogenesis in apolipoprotein E-deficient mice

3. PubMed ID: 30151392, Panax notoginseng Saponins Regulate Macrophage Polarization under Hyperglycemic Condition via NF-%u03BAB Signaling Pathway

Visit bosterbio.com/anti-arg1-rabbit-monoclonal-antibody-m01106-1-boster.html to see all 3 publications.

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