

## Basic Information

<b>Product Name</b>	Anti-Arginase-1/ARG1 Antibody (Clone#OTI4E6)
<b>Gene Name</b>	ARG1
<b>Source</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Species Reactivity</b>	human, mouse, rat
<b>Tested Application</b>	WB, IHC, FCM
<b>Contents</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Immunogen</b>	Full length human recombinant protein of human ARG1 (NP_000036) produced in HEK293T cell.
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Observed MW</b>	34.6 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:1000~2000 Immunohistochemistry (IHC):1:50 Flow cytometry (FCM): 1:100

## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inherited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characterized by hyperammonemia. [provided by RefSeq]

## Reference

Anti-Arginase-1/ARG1 Antibody (Clone#OTI4E6)被引用在1文献中。

Product datasheet

**Anti-Arginase-1/ARG1 Antibody  
(Clone#OTI4E6)**

**Catalog Number: MA01106**

**BOSTER**

antibody and ELISA experts

**BOSTER BIOLOGICAL TECHNOLOGY**

Building C21, 3rd and 4th floors, Optics Valley Biomedical Accelerator,  
Wuhan East Lake High-tech Development Zone

**Web:** [www.boster.com](http://www.boster.com) **Phone:** 027-67845390 **Email:** [boster@boster.com](mailto:boster@boster.com)

## Selected Validation Data

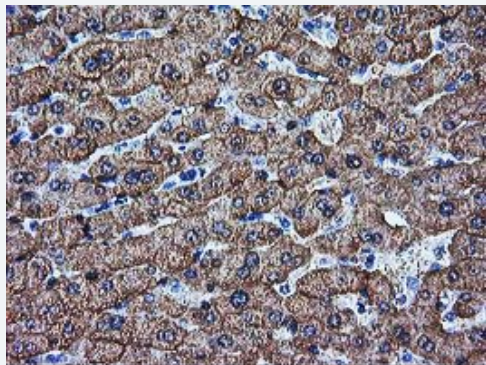


Figure 1. Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ARG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, MA01106)