

## 44-1003: Anti-Arginase-1 Monoclonal Antibody (Clone:IHC400)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC400
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	ARG1
<b>Gene ID :</b>	383
<b>Uniprot ID :</b>	P05089
<b>Format :</b>	Purified
<b>Alternative Name :</b>	ARG1
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Recombinant Human Arginase-1

### Description

"Arginase-1, encoded by the ARG1 gene, is a cytosolic metalloenzyme expressed predominantly in hepatocytes which plays a key role in the urea cycle by catalyzing the hydrolysis of arginine to ornithine and urea. Argininemia is an inherited autosomal recessive disorder characterized by a buildup of arginine and ammonia in the blood. Anti-Arginase-1 is highly specific for hepatocytes, and is therefore a sensitive and specific marker of benign and malignant hepatic tumors."

### Product Info

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Content :</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>Storage condition :</b>	Store at 2°C - 8°C. Do not freeze.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

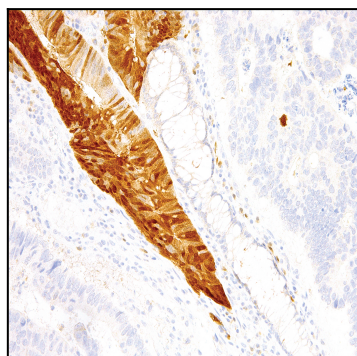


Figure 1: Immunohistochemical analysis of Arginase-1 (Clone: IHC400) on Colon