

## 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.

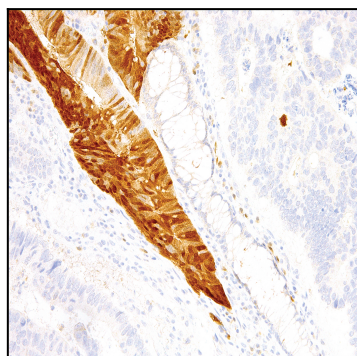


Figure 1: Immunohistochemical analysis of Arginase-1 (Clone: IHC400) on Colon