

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

Clonality :	Monoclonal
Clone Name :	IHC400
Application :	IHC
Reactivity :	Human
Gene :	ARG1
Gene ID :	383
Uniprot ID :	P05089
Format :	Purified
Alternative Name :	ARG1
Isotype :	Mouse IgG2b
Immunogen Information :	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

Amount :	0.1 ml / 0.5 ml
Purification :	Protein A/G Chromatography
Content :	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Storage condition :	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.

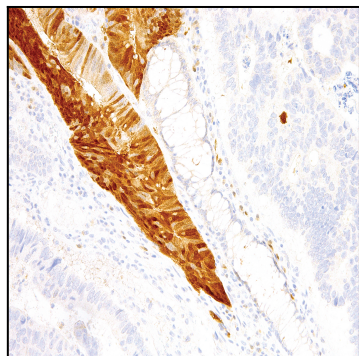


Figure 1: Immunohistochemical analysis of Arginase-1 (Clone: IHC400) on Colon