

Anti-Arginase-1 Antibody (IHC400)

CATALOG NO:	A1490-50
ALTERNATIVE NAMES:	Liver-type arginase, Type I arginase, ARG1
AMOUNT:	50 µl
IMMUNOGEN:	Arginase-1
CLONALITY:	Monoclonal
CLONE:	IHC400
MOL WEIGHT:	40 kDa
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A/G purification
FORM:	Liquid
FORMULATION:	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at 4°C. Do not freeze.
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.
APPLICATION:	IHC: 1:100 - 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

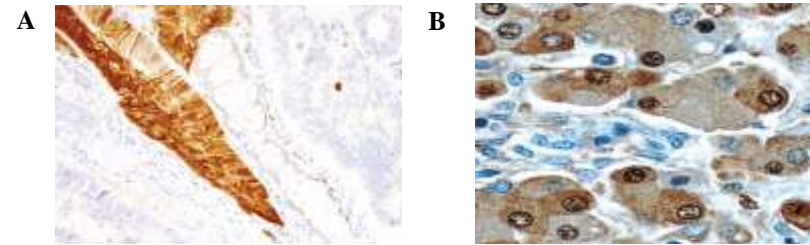


Fig.No. A) Formalin-fixed, paraffin-embedded Colon tissue stained with Arginase-1 Antibody (IHC400)

Fig. No. B) Formalin-fixed, paraffin-embedded liver tissue stained with Arginase-1 Antibody (IHC400)

RELATED PRODUCTS:

- Anti-ARG1 Antibody (Cat. No. A1080)
- ARG1, Human Recombinant (Cat. No. P1030)
- Anti-Arginase 1 Antibody (ARG1/1125) (Cat. No. A1430)
- Arginase I (ARG1) Inhibitor Screening Kit (Colorimetric) (Cat. No. K567)
- Arginase Activity Colorimetric Assay Kit (Cat. No. K755)
- ARG1, Human Recombinant (Cat. No. P1032)
- Anti-AFP Antibody (C3) (Cat. No. A1423)
- Anti-ALDH1A1 Antibody (ALDH1A1/1381) (Cat. No. A1424)
- Anti-ALK Antibody (ALK/1503) (Cat. No. A1425)
- Anti-Alkaline Phosphatase Antibody (ALPL/597) (Cat. No. A1426)
- Anti-ACTH Antibody (SPM501) (Cat. No. A1418)

FOR RESEARCH USE ONLY! Not to be used on humans.