

Arginase-1 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.	Clone No.	Size
34051	G400.1	100ul

Format: Purified antibody in Tris buffer, pH 7.3-7.7, 1% BSA, <0.1% sodium azide.

BACKGROUND

The product of the *ARG1* gene, Arginase-1, is a cytosolic metalloenzyme expressed predominantly in hepatocytes and plays an important 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 bloodstream. Arginase-1 has been identified as a specific marker of benign and malignant hepatic tumors.

DESCRIPTION

Antigen: Recombinant human Arginase-1.

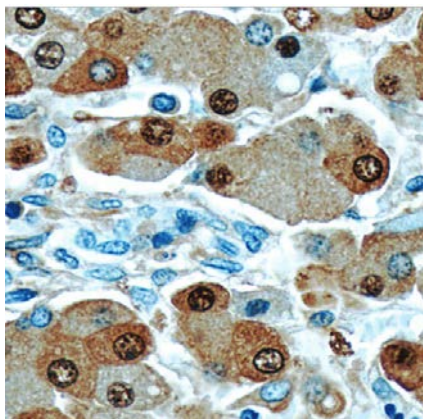
Accession No.: P05089

Host: Mouse

Specificity: Human Arginase-1. Reactivity with other species has not been investigated.

APPLICATIONS

Immunohistochemistry: use at a dilution of 1:100-1:200 on formalin-fixed, paraffin-embedded samples after heat-induced epitope retrieval at pH 9 for 10-30 minutes.



Detection of Arginase-1 in human liver with #34051 diluted 1:100-1:200.

STORAGE AND STABILITY

Store at 2-8°C. Do not freeze.

For in vitro investigational use only. Not for use in diagnostic or therapeutic applications.