

Arginase-1 Antibody

Catalog No: #P1011

Package Size: #P1011 0.1m

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

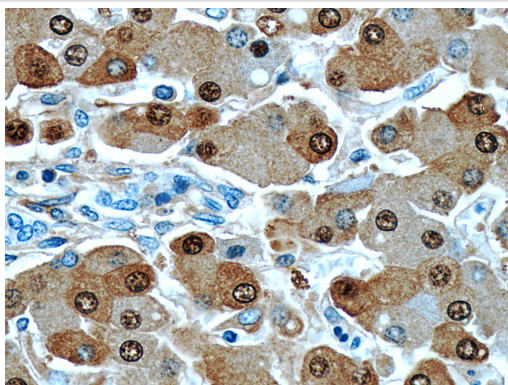
Product Name	Arginase-1 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	IHC400
Applications	IHC
Species Reactivity	Human
Formulation	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and
Storage	Store at 2-8C. Do not freeze.

Application Details

Recommended

working dilution range:1:100 - 1:200

Images



Arginase-1 Antibody (P1011) on Liver

Product 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.

References

- Morris SM Jr. Br J Pharmacol. 2009; 157:922C930.
Uchino T, et al. Human Genetics. 2009; 96:255C60.
Yan BC, et al. Am J Surg Pathol. 2010; 34:1147-1154.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.