

Arginase-1 Recombinant antibody

Cat:B32126R
Company: Haokebio

Uniprot ID:P05089

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Arginase-1, also known as hepatic arginase, is a key enzyme in the urea cycle. It exhibits high expression specificity in hepatocytes of normal liver tissue, while cholangiocytes, hepatic sinusoidal endothelial cells, Kupffer cells, and vascular endothelial cells do not express it. In the diagnosis of hepatocellular carcinoma (HCC), the expression rates of Arginase-1 in well-differentiated and moderately differentiated HCC reach 100% and 92% respectively. Its expression in poorly differentiated HCC is relatively lower, and its sensitivity is higher than that of HepPar1 and Glypican3.

Protein full name:

arginase, liver

Synonyms:

ARG1, Arginase 1, liver Arginase, ARG 1, Arg-1

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm, Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

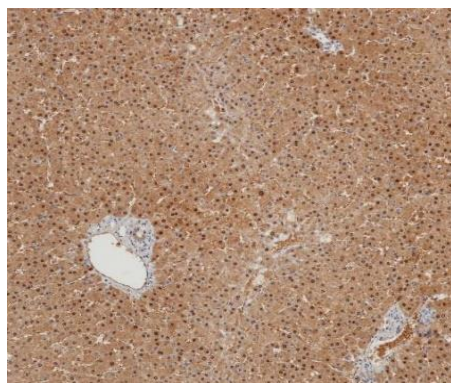
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human liver tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Arginase-1(B32126R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Arginase-1(B32126R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.