

Datasheet for ABIN6941433

**anti-Hepatocyte Specific Antigen antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Hepatocyte Specific Antigen (HepPar-1)
Reactivity:	Human, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Hepatocyte Specific Antigen antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Extract of a formalin-fixed, rejected-allograft of a human liver
Clone:	HepPar1
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

## Target Details

Target:	Hepatocyte Specific Antigen (HepPar-1)
Alternative Name:	HepPar-1 (Hepatocellular Marker) ( <a href="#">HepPar-1 Products</a> )
Background:	Hepatocyte Paraffin 1 or HepPar1 localizes to the mitochondria of hepatocytes. It is a sensitive marker for distinguishing hepatocellular carcinomas (HCC) from other metastatic carcinomas as well as cholangio-carcinomas. HCC's occur primarily in the stomach, but they are also found in many other organs. The Hepatocyte Specific Antigen may also be a useful marker for

## Target Details

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intestinal metaplasia. Reportedly, strong expression of the Hepatocyte Specific Antigen correlates with smaller tumor size and longer patient survival. Occasionally, Hepatocyte Specific Antigen is also found in gastric carcinomas as well as in a few other non-hepatic tumors.

## Application Details

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Application Notes: Positive Control: Liver or Hepatocellular Carcinoma (HCC).  
Known Application: Immunofluorescence (0.5-1.0 µg/mL), Immunohistochemistry (Formalin-fixed) (0.25-0.5 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 1 mM EDTA, pH 7.5-8.5, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

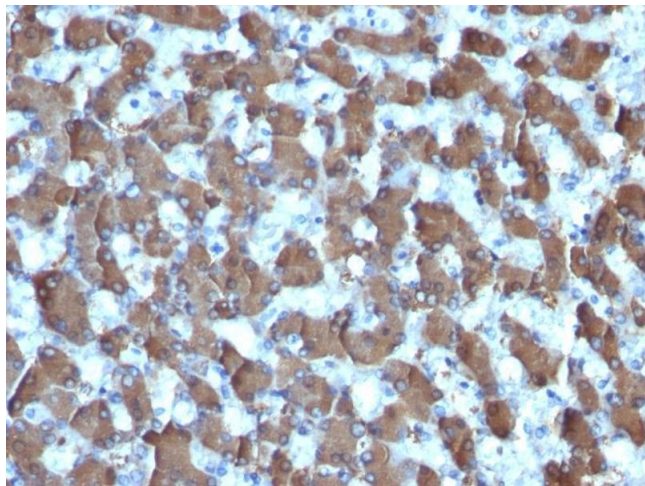
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

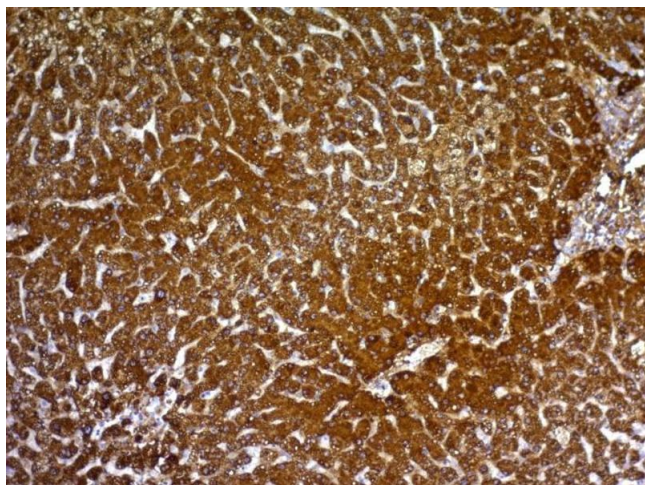
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



#### Immunohistochemistry

**Image 1.** Formalin-fixed, paraffin-embedded human Liver stained with HepPar-1 Mouse Monoclonal Antibody (HepPar1).



#### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Hepatocellular Carcinoma stained with HepPar-1 Mouse Monoclonal Antibody (HepPar1).