

## Product datasheet

# Anti-Hepatocyte Specific Antigen antibody [OCH1E5] ab190706

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### Overview

<b>Product name</b>	Anti-Hepatocyte Specific Antigen antibody [OCH1E5]
<b>Description</b>	Mouse monoclonal [OCH1E5] to Hepatocyte Specific Antigen
<b>Host species</b>	Mouse
<b>Specificity</b>	Hepatocyte specific antigens are useful in studying hepatocellular tumors. They may be useful in differentiating clear cell hepatocellular carcinomas from other clear cell malignancies. They have been shown in the literature to be useful in differentiating hepatoblastoma of embryonal type from small round cell tumors of childhood. Hepatocyte labels an antigen in the mitochondrial fraction of the liver homogenates.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human Hepatocyte Specific Antigen. Extract of a formalin-fixed, rejected-allograft of a Human liver.
<b>Positive control</b>	IHC: Liver or Hepatocellular Carcinoma.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.2</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.05% BSA, PBS</p>
<b>Purification notes</b>	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	OCH1E5
<b>Isotype</b>	IgG1

## Applications

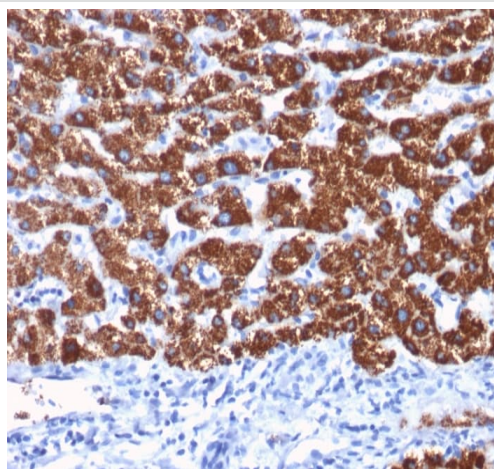
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab190706 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 1 - 2 µg/ml.

## Target

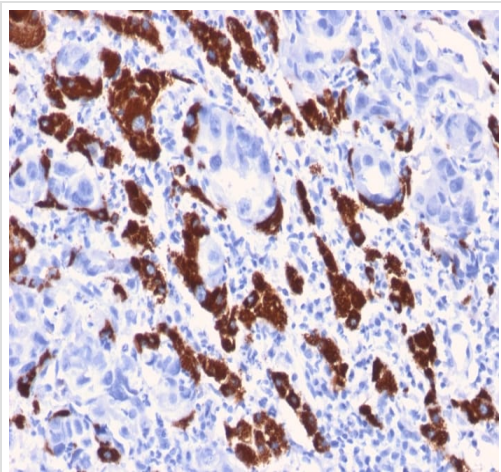
**Relevance** Hepatoblastoma is the most common primary tumor of the liver in children. The use of specific hepatocyte markers and also of alpha Fetoprotein or carcinoembryonic antigen are useful for the identification of normal and malignant fetal hepatocytes.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Hepatocellular Carcinoma tissue labelling Hepatocyte Specific Antigen with ab190706 at 1-2 µg/mL for 30 minutes at room temperature. Tissues were heated in 1mM EDTA, pH 7.5-8.5, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hepatocyte Specific Antigen antibody [OCH1E5] (ab190706)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hepatocyte Specific Antigen antibody [OCH1E5] (ab190706)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Liver tissue labelling Hepatocyte Specific Antigen with ab190706 at 1-2 µg/mL for 30 minutes at room temperature. Tissues were heated in 1mM EDTA, pH 7.5-8.5, for 45 min at 95°C followed by cooling at RT for 20 minutes.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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