

Hepatocytes Monoclonal Antibody (OCH1E5)

Catalog NumberMA5-12417

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Human
Host/Isotope	Mouse / IgG1, kappa	Published species	Rat, Human, Not Applicable, Rhesus monkey
Class	Monoclonal	Tested Applications	
Type	Antibody	Dilution *	
Clone	OCH1E5	Immunohistochemistry (Paraffin) (IHC (P))	1:20-1:40
Immunogen	Formalin fixed failed human allograft liver that was mechanically disrupted	Published Applications	
Conjugate	Unconjugated	Immunohistochemistry (Paraffin) (IHC (P))	See 1 publications below
Form	Liquid	Immunohistochemistry (IHC)	See 2 publications below
Concentration	Conc. Not Determined	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage buffer	tissue culture supernatant		
Contains	0.09% sodium azide		
Storage Conditions	4° C		

Product specific information

MA5-12417 targets Hepatocyte in IHC (P) applications and shows reactivity with Human samples. The MA5-12417 immunogen is formalin fixed failed human allograft liver that was mechanically disrupted.

Background/Target Information

Hepatocytes are the chief functional cells of the liver and perform a number of metabolic, endocrine and secretory functions. Roughly 80% of the mass of the liver is contributed by hepatocytes. In three dimensions, hepatocytes are arranged in plates that anastomose with one another.

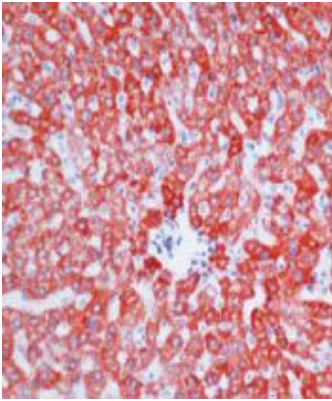
For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.

Product Images For Hepatocytes Monoclonal Antibody (OCH1E5)



Hepatocytes Antibody (MA5-12417) in IHC (P)

Formalin-fixed, paraffin-embedded human liver stained with Hepatocyte using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of hepatocytes.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE; (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER; (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED; OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.

PubMed References For Hepatocytes Monoclonal Antibody (OCH1E5)

1 Immunohistochemistry (Paraffin) References

Species / Dilution	Summary
Rhesus monkey / 1:50	MA5-12417 was used in Immunohistochemistry (Paraffin) to contribute to our current understanding of early EVD progression and illustrate the value that digital pathology and quantitative IA serve in infectious disease research.
	The American journal of pathology (2020; 190: 1449)
	"Quantification of Viral and Host Biomarkers in the Liver of Rhesus Macaques: A Longitudinal Study of Zaire Ebolavirus Strain Kikwit (EBOV/Kik)." Author(s):Greenberg A,Huber BR,Liu DX,Logue JP,Hischak AMW,Hart RJ,Abbott M,Isic N,Hisada YM,Mackman N,Bennett RS,Hensley LE,Connor JH,Crossland NA PubMed Article URL: http://dx.doi.org/10.1016/j.ajpath.2020.03.003

2 Immunohistochemistry References

Species / Dilution	Summary
Human / Not Cited	MA5-12417 was used in immunohistochemistry to study the diagnostic value of arginase-1 immunohistochemical expression for distinguishing hepatocellular carcinoma from metastatic carcinoma and cholangiocarcinoma
	Diagnostic pathology (2012; 7:)
	"The diagnostic value of arginase-1 immunostaining in differentiating hepatocellular carcinoma from metastatic carcinoma and cholangiocarcinoma as compared to HepPar-1." Author(s):Radwan NA,Ahmed NS PubMed Article URL: http://dx.doi.org/10.1186/1746-1596-7-149
Rat / Not Cited	MA5-12417 was used in immunohistochemistry to study liver pathology and cell proliferation following partial hepatectomy in rats undergoing immunosuppressive treatment
	Transplantation proceedings (2006; 38: 622)
	"Liver pathology and cell proliferation after calcineurin inhibitors and antiproliferative drugs following partial hepatectomy in rats." Author(s):Kirimlioglu H,Kirimlioglu V,Yilmaz S,Coban S,Turkmen E,Ara C PubMed Article URL: http://dx.doi.org/10.1016/j.transproceed.2005.12.097

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.