Hepatocyte Specific Antigen Antibody [clone HSA98] (V3131)

Catalog No.	Formulation	Size
V3131-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3131-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3131SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-2 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	HSA98
Purity	Protein G affinity chromatography
UniProt	Not Known
Localization	Cell surface
Applications	ELISA : 1-5ug/ml for coating (order BSA/sodium azide-free format)
Limitations	This Hepatocyte Specific Antigen antibody is available for research use only.

Description

Hepatocyte Specific Antigen antibody recognizes a liver-associated antigen expressed by human hepatocytes and a majority of hepatocellular carcinomas (HCCs). Hepatocyte Specific Antigen Antibody, clone HSA98, is a mouse monoclonal antibody developed for identification of hepatic cells and liver-derived tumors in research settings. This antibody has been described as binding to human hepatocytes and demonstrating reactivity with many primary hepatocellular carcinoma samples.

In frozen tissue sections, clone HSA98 stains hepatic cells and may be used as a marker of liver tissue. Reactivity has been observed in normal human liver, where hepatocytes exhibit positive staining, supporting its application in studies focused on hepatic structure and cellular organization. In addition to tissue sections, cell preparations derived from hepatocellular carcinoma biopsies or liver carcinoma cell lines have been reported to bind HSA98 at the cell surface, indicating that the recognized antigen can be accessible in certain experimental preparations.

The selective staining pattern in liver tissue compared with non-hepatic structures makes this antibody useful for investigations involving hepatic differentiation, liver tumor biology, and comparative tissue analysis. Because hepatocellular carcinoma often retains markers associated with hepatocytic lineage, reagents such as clone HSA98 are commonly used in research examining liver tumor origin and cellular phenotype. In these contexts, Hepatocyte Specific Antigen antibody serves as a tool to evaluate hepatocyte-associated antigen expression in both normal and malignant liver samples.

Clone HSA98 is a monoclonal antibody intended for research applications involving human liver tissue, hepatocellular carcinoma specimens, and related experimental models.

Application Notes

The optimal dilution of the Hepatocyte Specific Antigen antibody for each application should be determined by the researcher.

Immunogen

HEP-3B human hepatocellular carcinoma cells were used as the immunogen for this Hepatocyte Specific Antigen antibody.

Storage

Store the Hepatocyte Specific Antigen antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).