



Hep A VP3 (5E306): sc-71234

BACKGROUND

The Hep A (hepatitis A) virus, an enterovirus that causes the disease Hep A, is the common cause of liver inflammation. The Hep A virus is transmitted via the orofecal route, such as ingesting contaminated food, and causes an acute form of hepatitis. Symptoms of Hep A include jaundice, dark urine, nausea, fever, fatigue, loss of appetite, stomach ache and vomiting in some individuals. Only three out of four people with Hep A are symptomatic. The Hep A VP3 (Hep A virion protein 3) is a capsid protein. It contains an amino terminal T cell epitope and is known to couple to liposomes. Hep A VP3 may activate serum response element associated intracellular signaling affecting cell proliferation and differentiation. There is usually no permanent liver damage caused from Hep A infection.

REFERENCES

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SOURCE

Hep A VP3 (5E306) is a mouse monoclonal antibody raised against Hep A.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

Hep A VP3 (5E306) is recommended for detection of neutralizing epitope of VP3 of Hep A by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Molecular Weight of Hep A VP3: 28 kDa.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.