

Monoclonal Antibody to HCV NS4 - FITC

Alternate names:	Hepatitis C Virus, NS4B, Non-structural protein NS4A
Catalog No.:	BM3256F
Quantity:	0.1 mg
Concentration:	1 mg/ml
Background:	Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non structural proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.
Host / Isotype:	Mouse / IgG2a
Clone:	8A1
Immunogen:	HCV NS4 recombinant antigen (NS4a+b a.a. 1658-1863, 19kDa)
Format:	State: Liquid purified Ig fraction. Purification: Protein A chromatography Buffer System: 1x PBS, pH 7.2 with 0.01% sodium azide as preservative. Label: FITC – Covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
Applications:	Suitable for use in Western Blot, ELISA, Immunofluorescence and Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	HCV NS4 region.
Storage:	Store the antibody at 2-8°C for one month or at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com