

Hepatitis C Virus Core Antigen Monoclonal Antibody (C7-50)

Product Details	
Size	100 µg
Species Reactivity	Virus
Published Species	Human, Mouse, Rat, Virus
Host / Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	C7-50
Conjugate	Unconjugated
Immunogen	Purified HCV core-GST fusion protein (genotype 1b).
Form	Liquid
Concentration	1mg/mL
Purification	Protein A
Storage Buffer	PBS
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_325417

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay dependent	3 Publications
Flow Cytometry (Flow)	1/100	13 Publications
Immunofluorescence (IF)	Assay dependent	28 Publications
Immunoprecipitation (IP)	Assay dependent	1 Publication
Western Blot (WB)	1 µg/mL	80 Publications
Immunocytochemistry (ICC)	-	73 Publications
Immunohistochemistry (IHC)	-	14 Publications
Immunomicroscopy (IM)	-	2 Publications
In Situ Hybridization (ISH) (ISH)	-	1 Publication
Miscellaneous Pubmed (Misc)	-	4 Publications

Product Specific Information

MA1-080 detects hepatitis C virus (HCV) core protein from transfected human and primate cell lines.

MA1-080 has been successfully used in Western blot, immunoprecipitation, immunofluorescence and ELISA procedures. By Western blot, this antibody detects a single ~21 kDa protein representing HCV core protein in various transfected cell lines. Immunofluorescence staining of HCV core protein in transfected chimp hepatocytes yields a staining pattern consistent with cytoplasmic and vesicular staining.

The MA1-080 immunogen is purified HCV core-GST fusion protein (genotype 1b). This antibody recognizes an epitope between amino acid residues 21-40 of HCV core protein. This sequence is conserved among different HCV strains.

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