



Anti-HCV E2 polyclonal antibody (DPBT-66861GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Goat Anti Hepatitis C E2 AntigenGoat Anti Hepatitis C E2 Antigen
Immunogen	Recombinant E2 (genotype 1a)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Virus
Conjugate	Unconjugated
Applications	ELISA, IF, WB
Format	Ig Fraction - liquid
Concentration	1.0 mg/ml
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

HCV 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. HCV is responsible for a large proportion of worldwide chronic viral hepatitis. Most of these infections develop into chronic hepatitis, which often progresses to liver cirrhosis and hepatocellular carcinoma. At present, (unlike hepatitis A and B), there is no vaccine to prevent hepatitis C infection. The hepatitis C virus (HCV) nonstructural protein 4B (NS4B) is a relatively hydrophobic 27-kDa protein. The 4A protein has a molecular weight of 6 kDa.

Keywords

E2 protein; Envelope glycoprotein E2; Gp68; Gp70; HCV E2; HCV envelope glycoprotein E2; Hepatitis C virus envelope glycoprotein E2; Hepatitis C Virus E2; Flaviviridae; Hepacivirus; Hepatitis C virus; NS1