

Anti-PIVKA II antibody [1C5]

Cat. NO. bc06701

Size: 0.2mg, 1mg, 10mg

Target: Human PIVKA II

Clone: 1C5

Isotype: IgG1

Format: Unconjugated, Unmodified

Applications: CLIA

Description: Protein Induced by Vitamin K Absence or Antagonist-II (PIVKA-II), also known as Des- γ -carboxy-prothrombin (DCP), is an abnormal form of prothrombin. Normally, the prothrombin's 10 glutamic acid residues (Glu) in the γ -carboxyglutamic acid (Gla) domain at positions 6, 7, 14, 16, 19, 20, 25, 26, 29 and 32 are γ -carboxylated to Gla by vitamin-K dependent γ -glutamyl carboxylase in the liver and then secreted into plasma. In patients with hepatocellular carcinoma (HCC), γ -carboxylation of prothrombin is impaired so that PIVKA-II is formed instead of prothrombin. PIVKA-II is considered as is an efficient biomarker specific for HCC.

Overview

Product name	Anti-PIVKA II antibody [1C5]
Description	Mouse monoclonal [1C5] to PIVKA II
Host species	Mouse
Species reactivity	Human
Production	Cultured in vitro under conditions free from animal-derived components

Properties

Form	Liquid
Storage instructions	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles
Storage buffer	PBS, pH 7.4, containing 0.03% Proclin 300 50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300
Concentration	2 mg/ml
Purity	Protein A/G affinity column
Clonality	Monoclonal

Application

Platform	Capture	Detection
CLIA	1C5	2D7
	6C4	2D7
	2D7	6C4

Related Product

Cat. No.	Product	Clone
bc06701	Anti-PIVKA II antibody [1C5] mAb, Mouse	1C5
bc06702	Anti-PIVKA II antibody [2D7] mAb, Mouse	2D7
bc06703	Anti-PIVKA II antibody [6C4] mAb, Mouse	6C4



Biopathchina Inc., 8219 BioLegend Way, SanDiego, CA 92121 www.biopathchina.com

Toll-Free Phone: 1-833-Biopathchina (243-5333) Phone: (858) 763-5400 Fax: (877) 453-9537

Biopathchina Inc., 833 Times E-PARK, Guangzhou, China CN 511495

Toll-Free Phone: 86-20-Biopathchina (3884-9565) Fax: (86-20) 3884-9663