
Anti-PIVKA II antibody [2D7]

Cat. NO. bc06702

Size: 0.2mg, 1mg, 10mg

Target: Human PIVKA II

Clone: 2D7

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 [2D7]
Description	Mouse monoclonal [2D7] 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



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