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## Anti-Calcitonin Antibody [12C5]

Cat. NO. bc31902

Size: 0.2mg, 1mg, 10mg

Target: Human Calcitonin

Clone: 12C5

Isotype: IgG2B

Format: Unconjugated, Unmodified

Applications: ELISA, CLIA, TRFIA

Description: Procalcitonin, a 116 amino acid (aa) protein, is comprised of three sections including a 57 aa N-terminal PCT, a 32 aa calcitonin and a 21 aa katacalcin. Calcitonin is a hormone, derived from Procalcitonin cleavage. Procalcitonin is a good diagnosis marker for bacterial infection. Other diseases such as sepsis, inflammation, surgery, heat shock, burn injuries and cardiogenic shock can also cause an increase of Procalcitonin level in blood.

### Overview

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Product name	Anti-Calcitonin antibody [12C5]
Description	Mouse monoclonal [12C5] to Calcitonin
Host species	Mouse
Species reactivity	Human
Production	Cultured in vitro under conditions free from animal-derived components

### Properties

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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	18D2	PE21
	PE21	PE9
	PE9	16A1
	16A1	PE9
	PE9	18D2
	18M3	PE9
	PE9	12C5
	E72	16A1
	18D2	16A1
	18M3	16A1
TRFIA	16A1	12C5
	E72	16A1

## Related Product

Cat. No.	Product	Clone
bc31801	Anti-Procalcitonin Antibody [18D2] mAb, Mouse	18D2
bc31802	Anti-Procalcitonin Antibody [16A1] mAb, Mouse	16A1
bc31803	Anti-Procalcitonin Antibody [18M3] mAb, Mouse	18M3
bc31804	Anti-Procalcitonin Antibody [PE21] mAb, Mouse	PE21
bc31805	Anti-Procalcitonin Antibody [PE9] mAb, Mouse	PE9
bc31902	Anti-Calcitonin Antibody [12C5] mAb, Mouse	12C5
bc31903	Anti-Calcitonin Antibody [E72] mAb, Mouse	E72

Biopathchina Inc., 8219 BioLegend Way, San Diego, CA 92121 [www.biopathchina.com](http://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