

Procalcitonin (PCT), mAb, Mouse

Cat. No.	Name	Clone
V01801	Procalcitonin (PCT) Antibody (13D6), mAb, Mouse	13D6
V01802	Procalcitonin (PCT) Antibody (14D12), mAb, Mouse	14D12
V01803	Procalcitonin (PCT) Antibody (18D2), mAb, Mouse	18D2
V01804	Procalcitonin (PCT) Antibody (16A1), mAb, Mouse	16A1
V01805	Procalcitonin (PCT) Antibody (18M3), mAb, Mouse	18M3
V01806	Procalcitonin (PCT) Antibody (1A6), mAb, Mouse	1A6
V01807	Procalcitonin (PCT) Antibody (PE21), mAb, Mouse	PE21
V01808	Procalcitonin (PCT) Antibody (PE96), mAb, Mouse	PE96
V01901	Calcitonin Antibody (1F9), mAb, Mouse	1F9
V01902	Calcitonin Antibody (12C5), mAb, Mouse	12C5
V01903	Calcitonin Antibody (12E4), mAb, Mouse	12E4

Epitope:	Clone	Epitope
	13D6	15-45 within PCT protein
	14D12	100-116 within PCT protein
	18D2	N/D
	16A1	N/D
	18M3	N/D
	1A6	105-116 within PCT protein
	PE21	20-45 within PCT protein
	PE96	90-110 within PCT protein
	1F9	60-75 within PCT protein
	12C5	70-85 within PCT protein
	12E4	75-85 within PCT protein

Specificity: Human PCT

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860 Centennial Ave., Piscataway, NJ 08854, USA

Isotype:	IgG1 for MAbs 14D12, 18D2,16A1, 12E4, 1A6 and PE96 IgG2a for MAbs 13D6, PE21 and 1F9 IgG2b for MAbs 12C5 and 18M3	
Production:	Cultured <i>in vitro</i> under conditions free from animal-derived components	
Purification:	Protein A/G affinity column	
Formulation:	PBS, pH 7.4, containing 0.03% Proclin 300.	
Storage:	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.	
Application:	Sandwich immunoassay:	
	Capture	Detection
	16A1	12C5
	18D2	PE21
	12C5	16A1
	18D2	16A1
	18M3	16A1
Background:	PCT, 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 PCT cleavage. PCT 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 PCT level in blood.	
Note:	GenScript can customize this product per customer's request including product size, buffer components,etc.	

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Toll-Free: 1-877-436-7274 Tel: 1-732-885-9188 (US), +86-25-58897288-2602 (CN) Fax: 1-732-210-0262 Email: ivd@genscript.com Web: www.genscript.com