

## 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
V01902	Calcitonin Antibody (12C5), mAb, Mouse	12C5
V01903	Calcitonin Antibody (12E4), mAb, Mouse	12E4
V01904	Calcitonin Antibody (E72), mAb, Mouse	E72

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
	12C5	70-85 within PCT protein
	12E4	75-85 within PCT protein
	E72	N/D

**Specificity** Human PCT

<b>Isotype</b>	IgG1 for MAbs 14D12, 18D2, 16A1, 12E4, 1A6, PE96 and E72		
	IgG2a for MAbs 13D6 and PE21		
	IgG2b for MAbs 12C5 and 18M3		
<b>Production</b>	Cultured <i>in vitro</i> under conditions free from animal-derived components		
<b>Purification</b>	Protein A/G affinity column		
	1) PBS, pH 7.4, containing 0.03% Proclin 300		
<b>Formulation</b>	2) 50 mM Na-citrate, 150 mM NaCl, pH7.0, containing 0.03% Proclin 300 *		
	*: For new batch since 09/01/2018, please refer to COA.		
<b>Storage</b>	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.		
<b>Application</b>	<b>Platform</b>	<b>Capture</b>	<b>Detection</b>
		E72	16A1
	CLIA	18D2	16A1
		18M3	16A1
	TRFIA	16A1	12C5
		E72	16A1
<b>Background</b>	PCT is a 116 amino acid (aa) protein. It is comprised of three sections of 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.		
<b>Note</b>	GenScript can customize this product per customer's request including product size, buffer components, etc.		

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