

Mouse Anti-Human Procalcitonin mAb (Capture)

Catalog No.	CEM006	Quantity:	1.0 mg
Alternate Names:	PCT		
Description:	The monoclonal antibody recognizes human Procalcitonin (PCT), a 116 amino acid precursor of the hormone calcitonin. Procalcitonin arises from endopeptidase-cleaved preprocalcitonin. It undergoes successive cleavages in the neuroendocrine cells of the thyroid to form three distinct molecules: calcitonin (32 amino acids); C-terminal fragment katacalcin (21 amino acids) and N-terminal fragment, aminoprocalcitonin (57 amino acids).		
UniProt ID	P01258		
Gene ID:	796		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Recombinant human procalcitonin		
Specificity:	Human procalcitonin		
Concentration:	> 1 mg/ml, lot specific		
Formulation:	10 mM sodium phosphate, 50mM NaCl, 0.1% NaN ₃ , pH 8.0		
Purification:	Protein A affinity chromatography		
Purity:	> 90% by SDS-PAGE		
Applications:	ELISA, Lateral flow assays		
Application Notes:	For ELISA, use as the capture antibody, paired with CEM005 as the detection antibody.		
Storage & Stability:	Store at 2-8°C for short term. Prepare working aliquots and store at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

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