

Mouse Anti-Human Procalcitonin (HM564) mAb

Catalog No.	CEM002	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).		
Source:	Ascites		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Recombinant human procalcitonin, expressed in <i>E. coli</i>		
Specificity:	Human procalcitonin		
Formulation:	10 mM PBS, 0.02% NaN ₃ , pH 7.0		
Purification:	Protein A affinity chromatography		
Purity:	> 95% by SDS-PAGE		
Applications:	ELISA, Lateral flow assays, CLIA		
Application Notes:	For ELISA, use as the detection antibody, paired with CEM001 as the capture 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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