

bsm-41284M**[Primary Antibody]****Bioss**
ANTIBODIES

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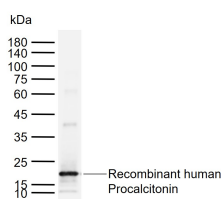
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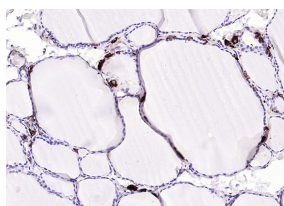
400-901-9800

Procalcitonin (PCT) Mouse mAb**— DATASHEET —**

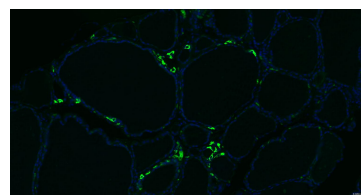
Host: Mouse	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Monoclonal	CloneNo.: 3E3	
GeneID: 796	SWISS: P01258	
Target: Procalcitonin (PCT)		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Reactivity: Human
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 13 kDa
Background: Procalcitonin (PCT) is a peptide precursor of the hormone calcitonin, the latter being involved with calcium homeostasis. It arises once preprocalcitonin is cleaved by endopeptidase. It is composed of 116 amino acids and is produced by parafollicular cells (C cells) of the thyroid and by the neuroendocrine cells of the lung and the intestine.		Subcellular Location: Secreted

— VALIDATION IMAGES —

Sample: Lane 1: Recombinant human Procalcitonin, N-His Primary: Anti-Procalcitonin (PCT) (bsm-41284M) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 13 kDa
 Observed band size: 17 kDa



Paraformaldehyde-fixed, paraffin embedded (human thyroid gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Procalcitonin (PCT)) Monoclonal Antibody, Unconjugated (bsm-41284M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Thyroid Gland; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Procalcitonin (PCT) Monoclonal Antibody, Unconjugated (bsm-41284M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (Green, bs-0296G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.