



# Mouse Anti-Human Procalcitonin (PCT-calcitonin) monoclonal antibody, clone 889 (CABT-L4271)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Comments: LOD = 0.05 ng/ml
<b>Immunogen</b>	Purified recombinant human Procalcitonin
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	889
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap), LFIA(Cap), CLIA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L4271 - CABT-L4272
<b>Epitope</b>	PCT-calcitonin epitope
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	10 mM Phosphate Buffered Saline, 0.02% Sodium Azide, pH 7.4.

<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 2-8 °C
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Procalcitonin (PCT), is a 116 amino acid peptide that has an approximate MW of 14.5 kDa and belongs to the calcitonin (CT) superfamily of peptides. Procalcitonin has been studied as a sepsis biomarker, to help with diagnosing/ ruling out sepsis and to guide the initiation and cessation of antibiotics.
<b>Keywords</b>	Prolactin;PRL;