

## INFECTION, TRAUMA & SEPTIC SHOCK ANTIBODIES

Anti-Procalcitonin antibodies detect human Procalcitonin. Procalcitonin is a peptide hormone mainly produced by the C cells of the thyroid and certain endocrine cells of the lung. Under normal expression conditions, procalcitonin is immediately cleaved into three specific fragments, an N terminal residue, calcitonin, and katacalcin. Serum levels of unprocessed procalcitonin rise significantly after bacterial infection, trauma, or shock. Multiple transcript variants encoding different isoforms have been found for this gene.

Antibody	Host	Clone ID	Catalog #
Anti-Procalcitonin	Monoclonal Mouse	4C8.H6.D4 IgG1 lambda	200-301-138
Anti-Procalcitonin	Monoclonal Mouse	4D12.D4.F3.E2.H7.E7 IgG2a kappa	200-301-148
Anti-Procalcitonin	Monoclonal Mouse	17H9.B4.H2 IgG1 lambda	200-301-141
Anti-Procalcitonin	Monoclonal Mouse	18C4.B4.C2 IgG1 lambda	200-301-140
Anti-Procalcitonin	Monoclonal Mouse	11D9.F3.C12.B8 IgG1 lambda	200-301-144
Anti-Procalcitonin	Mouse Monoclonal	6C12.A12.H4.A3.F9 IgG2a kappa	200-301-143
Anti-Procalcitonin	Monoclonal Mouse	8B5.A3.D5.D3.G6.E7 IgG1 lambda	200-301-145
Anti-Procalcitonin	Monoclonal Mouse	15F6.F6.F9 IgG1 lambda	200-301-139
Anti-Procalcitonin	Monoclonal Mouse	9D9.E11.C3.E8.F4.D4 IgG1 lambda	200-301-147
Anti-Procalcitonin	Monoclonal Mouse	4F2.D9.C5.G5.B2.C5 IgG1 lambda	200-301-149
Anti-Procalcitonin	Monoclonal Mouse	22C1.C7.C6.B8.B7.G8 IgG1 lambda	200-301-150
Anti-Procalcitonin	Monoclonal Mouse	9G4.C3.F2 IgG1 lambda	200-301-142
Anti-Procalcitonin	Monoclonal Mouse	8G10.H3.C3.G4.E2.C8 IgG1 lambda	200-301-146

## PAIRED ANTIBODIES EVALUATION

A select set of eight procalcitonin antibodies were evaluated by Bio-Layer Interferometry Techniques to determine possible immunoassay pairs.

Capture Antibody	Detection Antibody
8B5.A3.D5.D3.G6.E7	18C4.B4.C2
	17H9.B4.H2
8G10.H3.C3.G4.E2.C8	18C4.B4.C2
	17H9.B4.H2
18C4.B4.C2	4D12.D4.F3.E2.H7.E7
	8B7G8, 8G10.H3.C3.G4.E2.C8
	9G4.C3.F2,
	9D9.E11.C3.E8.F4.D4
9D9.E11.C3.E8.F4.D4	18C4.B4.C2
	17H9.B4.H2
17H9.B4.H2	4D12.D4.F3.E2.H7.E7
	22C1.C7.C6.B8.B7.G8
	8G10.H3.C3.G4.E2.C8
	9G4.C3.F2
	D9.E11.C3.E8.F4.D4
4D12.D4.F3.E2.H7.E7	8B5.A3.D5.D3.G6.E7
	18C4.B4.C2
9G4.C3.F2	17H9.B4.H2
	18C4.B4.C2
22C1.C7.C6.B8.B7.G8	18C4.B4.C2
	17H9.B4.H2

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