

**bsm-51512M****[ Primary Antibody ]****CALCA Mouse mAb****Bioss**  
ANTIBODIES

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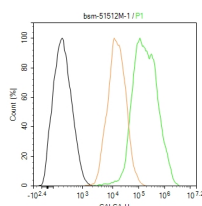
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**DATASHEET**

<b>Host:</b> Mouse	<b>Isotype:</b> IgM	<b>Applications:</b> Flow-Cyt (1:50-100)  <b>Reactivity:</b> Human  <b>Predicted MW.:</b> 2/13 kDa  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> G8D24	
<b>GeneID:</b> 796	<b>SWISS:</b> P01258	
<b>Target:</b> CALCA		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CALCA: 51-130/141.		
<b>Purification:</b> affinity purified by Protein G		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

**VALIDATION IMAGES**

The TT (treated with BFA) (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Mouse Anti-CALCA antibody (bsm-51512M, 1:100); Isotype Control (orange): Mouse IgG (bs-0296P). Blank control (black): PBS. Acquisition of 20,000 events was performed.