

**bsm-54300R****[ Primary Antibody ]****CD3 gamma Recombinant Rabbit mAb****BioSS**  
**ANTIBODIES**

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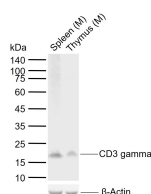
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**— DATASHEET —**

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| <b>Host:</b> Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Isotype:</b> IgG   | <b>Applications:</b> <b>WB</b> (1:500-1000)<br><b>IHC-P</b> (1:100-500)<br><b>IHC-F</b> (1:50-200)<br><b>IF</b> (1:100-500)<br><b>Flow-Cyt</b> (1:50-200)<br><br><b>Reactivity:</b> Human, Mouse<br><br><br><br><b>Predicted MW.:</b> 20 kDa<br><br><b>Subcellular Location:</b> Cell membrane |
| <b>Clonality:</b> Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>CloneNo.:</b> 2B11 |                                                                                                                                                                                                                                                                                                |
| <b>GeneID:</b> 917                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>SWISS:</b> P09693  |                                                                                                                                                                                                                                                                                                |
| <b>Target:</b> CD3 gamma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                                                                                                                                                                                                                                                                                                |
| <b>Purification:</b> affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                                                                                                                                                                                                                                                                                |
| <b>Concentration:</b> 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                                                                                                                                                                                                                                                                                                |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                                                                                                                                |
| <b>Background:</b> The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency. [provided by RefSeq, Jul 2008] |                       |                                                                                                                                                                                                                                                                                                |

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Spleen tissue lysates  
Lane 2: Mouse Thymus tissue lysates Primary:  
Anti-CD3 gamma (bsm-54300R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 20 kDa Observed band size: 17 kDa

**— SELECTED CITATIONS —**

- **[IF=7.3]** Saranchova Iryna. et al. A novel type-2 innate lymphoid cell-based immunotherapy for cancer. FRONT IMMUNOL. 2024 Mar;15: FCM ;Mouse. 38524132