

bsm-54300R**[Primary Antibody]**

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CD3 gamma Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 2B11**GeneID:** 917**SWISS:** P09693**Target:** CD3 gamma**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

Storage: 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.

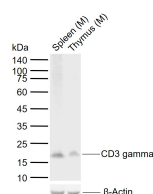
Background: The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to 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]

Applications: **WB** (1:500-1000)
IHC-P (1:100-500)
IHC-F (1:50-200)
IF (1:100-500)
Flow-Cyt (1:50)

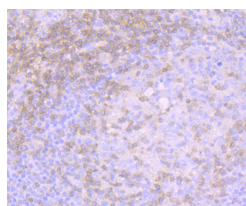
Reactivity: Human, Mouse

Predicted MW.: 20 kDa

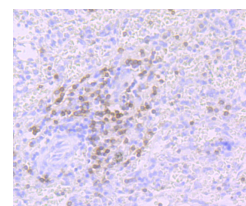
Subcellular Location: Cell membrane

— VALIDATION IMAGES —

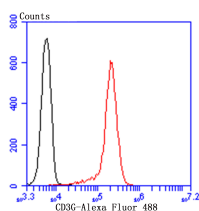
Sample: Lane 1: Mouse Spleen tissue lysates
Lane 2: Mouse Thymus tissue lysates Primary: Anti-CD3 gamma (bsm-54300R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 20 kDa Observed band size: 17 kDa



Paraformaldehyde-fixed, paraffin embedded (human tonsil); 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; Antibody incubation with (CD3 gamma) Monoclonal Antibody, Unconjugated (bsm-54300R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human spleen); 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; Antibody incubation with (CD3 gamma) Monoclonal Antibody, Unconjugated (bsm-54300R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control: Jurkat. Primary Antibody (green line): Rabbit Anti-CD3G antibody (bsm-54300R) Dilution: 1:50; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488 Dilution: 1:1000. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— 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