

## CD3G monoclonal antibody

Catalog: MB22516

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

20.5kDa

### Swiss-Prot:

P09693

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

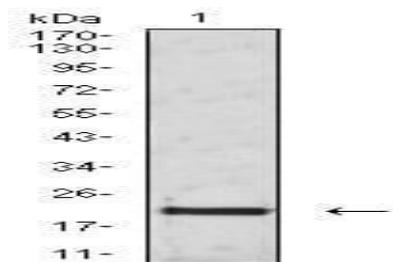
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

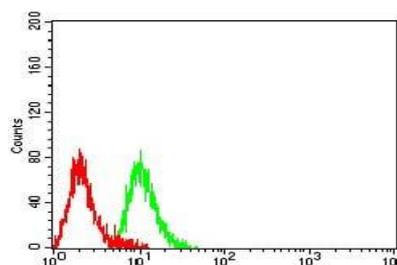
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using CD3G mouse mAb against Jurkat (1) cell lysate.



Flow cytometric analysis of Raji cells using CD3G mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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