CD3D monoclonal antibody

Catalog: MB22543 Host: Mouse Reactivity: Human

BackGround:

The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3 complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCID-BNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of their transcripts has yet to be defined.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

18.9kDa

Swiss-Prot:

P04234

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:

FC:1/200 - 1/400

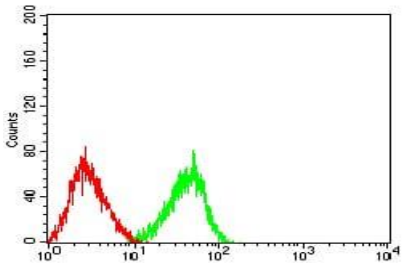
Storage&Stability:

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

Isotype:

Mouse IgG1

DATA:



Flow cytometric analysis of HL-60 cells using CD3D mouse mAb (green) and negative control (red).

Note:

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

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