

## Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

## CD3 epsilon Ab

Images(1)

Cat.#: BF0191 Concn.: ~1mg/ml Mol.Wt.: 23kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, FCM 1:200-1:400

\*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human CD3E expressed in E. Coli.

Uniprot: P07766

Description: The protein encoded by this gene is the CD3-epsilon polypeptide, which

together with CD3-gamma, -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.

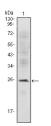


Figure 1: Western blot analysis using CD3E mouse mAb against Jurkat (1)

cell lysate.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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