



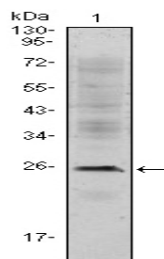
CD3E

Mouse monoclonal Antibody

#54044

**Catalog Number:** 54044**Amount:** 100µg/100µl**Swiss-Prot No. :** P07766**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human CD3E protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CD3E and does not cross-react with related proteins**Reactivity:** Human**Applications:**

Predicted MW: 23kd      WB:1:500-2000



Western blot analysis using CD3E mouse mAb against Jurkat (1) cell lysate.

### Background:

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.