

## CD3E

**Reactivity:** Human

**Tested applications:** WB IHC IP FC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50 FC 1:20 - 1:50

**Calculated MW:** 23 kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human CD3E

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

T3E; TCRE; IMD18;

**Catalog #:** A10786

**Antibody Type:**

Monoclonal Antibody

**Species:** Rabbit

**Gene ID:** 916

**Isotype:** IgG

**Swiss Prot:** P07766

**Purity:** Affinity purification

For research use only.

**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. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women.

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