

Cat. No: AB-81831**Size:** 100 ug**Clone:** POLY**Concentration:** 1mg/ml**Host:** Rabbit**Isotype:** IgG**Immunogen:** RThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Reactivity:** Hu,Ms,Rt**Applications:** Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:300
Immunoprecipitation: 1:50 - 1:100**Molecular Weight:** 21kDa**Purification:** Aff. Pur.**Synonyms:** CD3E;IMD18;T3E;TCRE;CD3e molecule**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.**Form:** Liquid**Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.**Storage:** Store at -20°C. Avoid freeze / thaw cycles.

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