

**CD3, CD3E (PT0107R) rabbit mAb**

<b>Catalog No :</b>	YM7046
<b>Reactivity :</b>	Human;
<b>Applications :</b>	IHC;WB;ICC;IF; ELISA
<b>Target :</b>	CD3E
<b>Fields :</b>	>>Hematopoietic cell lineage;>>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>T cell receptor signaling pathway;>>Chagas disease;>>Measles;>>Human T-cell leukemia virus 1 infection;>>Epstein-Barr virus infection;>>Human immunodeficiency virus 1 infection;>>PD-L1 expression and PD-1 checkpoint pathway in cancer;>>Primary immunodeficiency
<b>Gene Name :</b>	CD3E
<b>Protein Name :</b>	CD3, CD3E
<b>Human Gene Id :</b>	916
<b>Human Swiss Prot No :</b>	P07766
<b>Immunogen :</b>	Synthesized peptide derived from human CD3, CD3E AA range:1-100
<b>Specificity :</b>	This antibody detects endogenous levels of CD3E
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Monoclonal, Rabbit IgG1, Kappa
<b>Dilution :</b>	IHC 1:100-500, IF ICC 1:100-500, ELISA 1:5000-20000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	23kD

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<b>Background :</b>	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. [provided by RefSeq, Jul 2008],
<b>Function :</b>	function:The CD3 complex mediates signal transduction.,online information:CD3E mutation db,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 ITAM domain.,subunit:The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta.,
<b>Subcellular Location :</b>	Membranous
<b>Expression :</b>	Membranous
<b>Tag :</b>	hot,recombinant
<b>Sort :</b>	8
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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