

**CD3 (PN0622) Nb-FC recombinant antibody**

<b>Catalog No :</b>	YA0260
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA;FCM
<b>Target :</b>	CD3
<b>Gene Name :</b>	CD3E T3E
<b>Protein Name :</b>	T-cell surface glycoprotein CD3 epsilon chain (T-cell surface antigen T3/Leu-4 epsilon chain) (CD antigen CD3e)
<b>Human Gene Id :</b>	916
<b>Human Swiss Prot No :</b>	P07766
<b>Immunogen :</b>	Purified recombinant Human CD3
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD3 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000 FCM 1-2µg/Test
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Background :</b>	The protein encoded byThis 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]

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**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.,

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**Subcellular Location :**

Cell membrane ; Single-pass type I membrane protein .

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**Expression :**

Membranous

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