

CD3 (PN0620) Nb-FC recombinant antibody

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| Catalog No : | YA0258 |
| Reactivity : | Human |
| Applications : | ELISA |
| Target : | CD3 |
| Gene Name : | CD3E T3E |
| Protein Name : | T-cell surface glycoprotein CD3 epsilon chain (T-cell surface antigen T3/Leu-4 epsilon chain) (CD antigen CD3e) |
| Human Gene Id : | 916 |
| Human Swiss Prot No : | P07766 |
| Immunogen : | Purified recombinant Human CD3 |
| Specificity : | This recombinant monoclonal antibody can detects endogenous levels of CD3 protein. |
| Formulation : | Phosphate-buffered solution |
| Source : | Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell |
| Dilution : | ELISA 1:5000-100000 |
| Purification : | Recombinant Expression and Affinity purified |
| Concentration : | Please check the information on the tube |
| Storage Stability : | -15°C to -25°C/1 year(Avoid freeze / thaw cycles) |
| Background : | 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]

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.,

Subcellular Location :

Cell membrane ; Single-pass type I membrane protein .

Expression :

Membranous

Tag :

recombinant

Sort :

9

No4 :

1

Speciality :

Nanobody

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