

CD25 (PN0645) Nb-FC recombinant antibody

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| Catalog No : | YA0207 |
| Reactivity : | Human |
| Applications : | ELISA |
| Target : | CD25 |
| Gene Name : | IL2RA |
| Protein Name : | Interleukin-2 receptor subunit alpha (IL-2 receptor subunit alpha) (IL-2-RA) (IL-2R subunit alpha) (IL2-RA) (TAC antigen) (p55) (CD antigen CD25) |
| Human Gene Id : | 3559 |
| Human Swiss Prot No : | P01589 |
| Immunogen : | Purified recombinant Human CD25 |
| Specificity : | This recombinant monoclonal antibody can detects endogenous levels of CD25 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) |
| Cell Pathway : | Cytokine-cytokine receptor interaction;Endocytosis;Jak_STAT;Hematopoietic cell lineage; |

Background : The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in This gene are associated with interleukin 2 receptor alpha deficiency.[provided by RefSeq, Nov 2009]

Function : disease:Genetic variations in IL2RA are associated with susceptibility to insulin-dependent diabetes mellitus type 10 (IDDM10) [MIM:601942].,Receptor for interleukin-2.,online information:IL2RA mutation db,similarity:Contains 2 Sushi (CCP/SCR) domains.,subunit:Non-covalent dimer of an alpha and a beta chains. IL2R exists in 3 different forms: a high affinity dimer, an intermediate affinity monomer (beta chain), and a low affinity monomer (alpha chain). The high and intermediate affinity forms also associate with a gamma chain.,

Subcellular Location : Membrane; Single-pass type I membrane protein.

Expression : Thymus

Tag : recombinant

Sort : 3498

No4 : 1

Speciality : Nanobody

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