

CD86 (PN0421) Nb-FC recombinant antibody

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| Catalog No : | YA0553 |
| Reactivity : | Human |
| Applications : | ELISA |
| Target : | CD86 |
| Gene Name : | CD86 CD28LG2 |
| Protein Name : | T-lymphocyte activation antigen CD86 (Activation B7-2 antigen) (B70) (BU63) (CTLA-4 counter-receptor B7.2) (FUN-1) (CD antigen CD86) |
| Human Gene Id : | 942 |
| Human Swiss Prot No : | P42081 |
| Immunogen : | Purified recombinant Human CD86 |
| Specificity : | This recombinant monoclonal antibody can detects endogenous levels of CD86 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 : | Cell adhesion molecules (CAMs);Toll_Like;Intestinal immune network for IgA production;Type I diabetes mellitus;Autoimmune thyroid disease;Systemic lupus erythematosus;Allograft rejection;Graft-versus- |

Background :

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms. [provided by RefSeq, May 2011]

Function :

Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation. Isoform 2 interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation. online information: CD86 entry, PTM: Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation. similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain. similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain. subunit: Interacts with MARCH8. Interacts with human herpesvirus 8 MIR2 protein (Probable). Interacts with adenovirus subgroup B fiber proteins and acts as a receptor

Subcellular Location :

Cell membrane; Single-pass type I membrane protein.

Expression :

Expressed by activated B-lymphocytes and monocytes.

Products Images

