

CD2 (PN0320) Nb-FC recombinant antibody

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| Catalog No : | YA0161 |
| Reactivity : | Human |
| Applications : | ELISA |
| Target : | CD2 |
| Gene Name : | CD2 SRBC |
| Protein Name : | T-cell surface antigen CD2 (Erythrocyte receptor) (LFA-2) (LFA-3 receptor) (Rosette receptor) (T-cell surface antigen T11/Leu-5) (CD antigen CD2) |
| Human Gene Id : | 914 |
| Human Swiss Prot No : | P06729 |
| Immunogen : | Purified recombinant Human CD2 |
| Specificity : | This recombinant monoclonal antibody can detects endogenous levels of CD2 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);Hematopoietic cell lineage; |
| Background : | The protein encoded byThis gene is a surface antigen found on all peripheral |

blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene. [provided by RefSeq, Jun 2016]

Function :

CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.,online information:CD2 entry,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD2AP (By similarity). Interacts with PSTPIP1.,

Subcellular Location :

Cell membrane ; Single-pass type I membrane protein .

Expression :

Expressed in natural killer cells (at protein level).

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